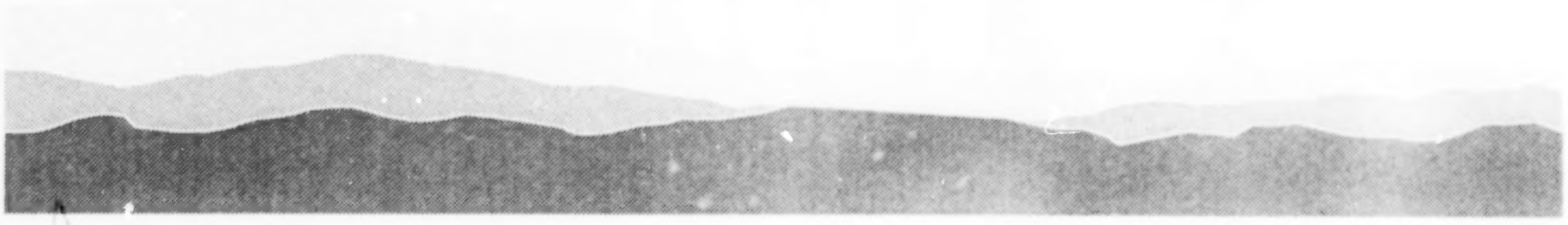
BUREAU OF LAND MANAGEMENT MONTHLY ALERT

BLM Library Denver, CO

November 1993

RECENT ADDITIONS Book List in this issue!



About the MONTHLY ALERT...

Forestry Topics

1. Forests and Forestry
General treatments of the subject; forestry and society; topical issues; education; agency annual reports.

2. Forest Operations
a. Silviculture: silvicultural systems; economics; stand improvement; measurement; operations management; natural and artifical regeneration, genetics.
b. Engineering: road construction; protective works; logging; equipment.

3. Forest Injury and Protection
Insect damage and control; pesticide applications; insect and disease surveys; forest pathology.

4. Fire Management
All aspects, including presuppression, prevention education, behavior; fire weather.

5. Watershed Management, with Soil and Site Factors
Hydrology; runoff; sedimentation; erosion; climatology; meteorology; habitat regions; precipitation.

6. Range and Wildlife Management

7. Forest Recreation

8. Forest Products Research
Wood technology and utilization; markets and marketing; forest products industries.

Allied Topics

9. Life Sciences
Plant and animal ecology; botany; environmental quality; biochemistry; zoology; physiology; animal genetics.

10. Computer Science, Statistics and Mathematics

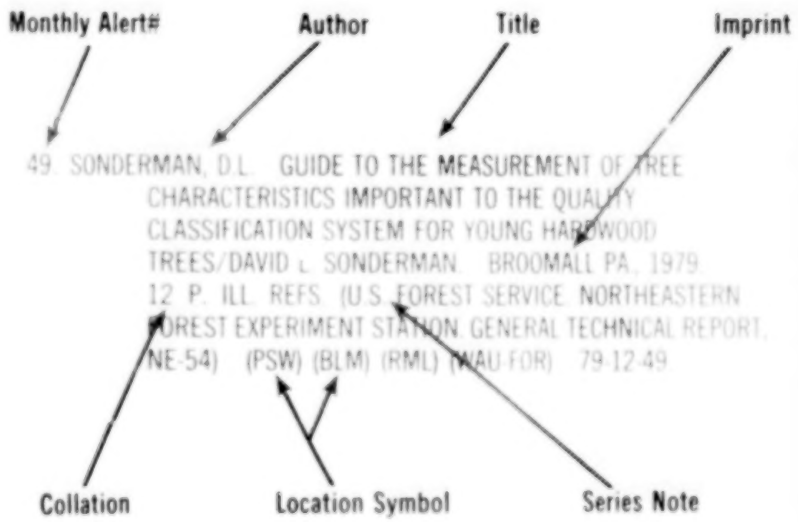
11. Social Sciences
Environmental policy; regional planning; landscape analysis and planning; behavioral psychology; personnel management; office procedure and management.

12. Other Topics

The citations listed in this **Alert** are arranged in broad topical categories. This permits browsing by subject interest.

The **Species Index** and the **Subject Index** on the following pages identify individual citations by narrower, specific topics, e.g., management treatments, problem areas, and geographic locations.

Sample ***Monthly Alert*** Citation:



About Bureau of Land Management *Monthly Alert*

Bureau of Land Management *Monthly Alert* announces recent publications significant to natural resources management and research. These publications are located and made available through an interagency agreement between BLM and the USFS Forest Information Network. Subject areas are generally limited to renewable resources and fire management.

Most items listed in each ***Monthly Alert*** are reprints of current journal articles or research papers. They are sent to you at your office without charge upon receipt of your order (see inside back cover). Books and other large documents will be loaned to you for a specific period of time. Those items available for loan only are identified by a • beside the item in the citation.

The ***Monthly Alert*** is available to all BLM employees. It is operated by the BLM Library, Service Center, Denver, Colorado. BLM employees are cautioned not to use ***Monthly Alert*** services from Forest Service Service Centers. The BLM Library now provides these services.

About the BLM Library

The BLM Library is located at the Service Center. It performs a full range of library services for all BLM personnel at no charge. It has computer-based literature searching capability for all subject areas. Literature searches may be requested on BLM Form 1279-2. The BLM Library has extensive reference and access to libraries of every government agency, universities, private institutions and foreign governments. If you have a need for library assistance that cannot be obtained locally, contact:

BLM Library
Service Center, SC-324A
Denver Federal Center
Denver, CO 80225

Monthly Alert	Reference
***Com (303) 236-6434**	***Com (303) 236-6649**

BLM-ALERT!

Note that there is no Management Alert section this month. The next appearance will be in the December Alert issue.

010. FORESTRY--GENERAL

2. Elwood, N. E.; Adams, P. W. Achieving group project success in Oregon : the woodland workbook. Journal of agronomic education; Vol. 71 no. 2 (fall 1989): p. 119-121.

3. The Intermountain Research Station : hub of research. Ogden, UT: U.S. Dept. of Agriculture, Forest Service, Intermountain Research Station; 1990: [8] p.

4. Jope, K. Professionalism in resource management. Park science; Vol. 12, no. 1 (winter 1992): p. 8-9.

6. Kern, D.; Swan, M. Fear and mediation on the Flathead National Forest. Forest watch; Vol. 11, no. 8 (Mar. 1991): p. 12-14, 21, 25.

7. MacCleery, D. W. A forest retrospective. Forest watch; Vol. 12, no. 1 (Sept. 1991): p. 20-25.

8. McQuillen, A. New timber suitability regulations are a wolf in sheep's clothing. Forest watch; Vol. 11, no. 8 (Mar. 1991): p. 20-22.

9. Rakestraw, L.; Rakestraw, M. History of the Willamette National Forest. Eugene, Or.: U.S. Dept. of Agriculture, Willamette National Forest; [1991?]: xii, 272 p.

10. Recent publications of the Pacific Northwest Research Station, third quarter 1991. Portland, OR: U.S. Dept. of Agriculture, Forest Service, Pacific Northwest Research Station; 1992: 12 p.

11. St. Clair, J. Coup in Missoula : regional forester John Mumma ousted : reformist supervisors ducking for cover. Forest watch; Vol. 12, no. 2 (Aug. 1991): p. 10-11.

12. St. Clair, J.; Greacen, S. Ousted officials point to political interference. Forest watch; Vol. 12, no. 1 (Sept. 1991): p. 10-11.

13. St. Clair, J. Was Overbay's powerplay an overreach? : Deputy Chief calls for ban on appeals, "agressive" reading and logging of Western roadless areas. Forest watch; Vol. 12, no. 2 (Aug. 1991): p. 14.

020. FOREST ECONOMICS

24. Bergez, J. E.; Bouvarel, L.; Auclair, D. Short rotation forestry : an agricultural case study of economic feasibility. Bioresource technology; Vol. 35, no. 1 (1991): p. 41-47.

25. Bray, M.; Lee, R. G. Federal forest revenue sharing with local governments in Washington, Oregon, and California. Northwest environmental journal; Vol. 7, no. 1 spring/summer 1991): p. 35-70.

26. Forest resource plan 1991 : policy plan : draft. Olympia, Wash.: Washington State Dept. of Natural Resources; [1991]: ii, 47, [11] p.

28. Hamilton, J. In search of phantom forests. Sierra; Vol. 77, no. 4 (July/Aug. 1992): p. 32-34.

29. Hamilton, J. R.; Whittlesey, N. K.; Robison, M. H.; Ellis, J. Economic impacts, value added, and benefits in regional project analysis. American journal of agricultural economics; Vol. 73, no. 2 (May 1991): p. [334]-344.

30. Hoehn, J. P. Valuing the multidimensional impacts of environmental policy : theory and methods. Journal of agronomic education; Vol. 71 no. 2 (fall 1991): p. [289]-299.

31. Knize, P. The mismanagement of the national forests. The Atlantic; Vol. 268, no. 4 (Oct. 1991): p. 98-112.

32. Knudsen, K.; St. Clair, J. Reforming the 25 percent fund. Forest watch; Vol. 12, no. 2 (Aug. 1991): p. s.1-s.4.

35. Mills, J. R.; Kincaid, J. C. The aggregate timberland assessment system--ATLAS : a comprehensive timber projection model. Portland, Or.: U.S. Dept. of Agriculture, Forest Service, Pacific Northwest Research Station; 1992: 160 p. (General technical report PNW; GTR-281).

36. O'Toole, R. Roads, ties, and amortization. Forest watch; Vol. 12, no. 1 (Sept. 1991): p. s.1-s.4.

37. St. Clair, J.; Greacen, S. Calm in the eye of the storm : how the Lolo dropped the cut. Forest watch; Vol. 12, no. 1 (Sept. 1991): p. 15-17.

38. St. Clair, J. The Lolo goes solo. Forest watch; Vol. 12, no. 1 (Sept. 1991): p. 12-14.

39. St. Clair, J. Reforming the Mt. Hood Forest. Forest watch; Vol. 11, no. 11 (June 1991): p. s.1-s.4.

40. St. Clair, J. Walloped on the Wasatch-Cache. Forest watch; Vol. 12, no. 1 (Sept. 1991): p. 18-19.

44. Tisdale, S.; Smith, J. Marks in the game. Sierra; Vol. 77, no. 4 (July/Aug. 1992): p. 59-61.

46. Weigand, J. F.; Burditt, A. L. Economic implications for management of structural retention on harvest units at the Blue River Ranger District, Willamette National Forest, Oregon. Portland, Or.: U.S. Dept. of Agriculture, Forest Service, Pacific Northwest Research Station: 1992: 17 p. (Research note PNW; RN-510).

010. FOREST ENGINEERING

48. Anderson, P.; Sessions, J. Gradeability on forest roads : field observations compared to an analytical model. Forestry operations in the 1990's, challenges and solutions : proceedings of the 14th Annual Meeting of the Council on Forest Engineering, July 22 to July 25, 1991, Nanaimo, British Columbia, Canada. [Corvallis, Or.] : The Council, [1991]: p. 11-16.

51. Erickson, M. D.; Hassler, C. C.; LeDoux, C. B. Productivity and cost estimators for conventional ground-based skidding on steep terrain using preplanned skid roads. Forestry operations in the 1990's, challenges and solutions : proceedings of the 14th Annual Meeting of the Council on Forest Engineering, July 22 to July 25, 1991, Nanaimo, British Columbia, Canada. [Corvallis, Or.] : The Council, [1991]: p. 92-96.

54. Hallman, D. Missoula Technology and Development Center's nursery and reforestation programs. Tree planters' notes: Vol. 43, no. 3 (summer 1992): p. [97]-104.

59. O'Sullivan, M. F.; Ritchie, R. M. Tree stability in relation to cyclic loading. Forestry: Vol. 66, no. 1 (1991) : p. [69] -82.

040. FOREST MENSURATION

62. Bunce, H. W. F. Empirical estimates of loss of value in a second growth coniferous forest related to changes in fluoride emissions. Forestry chronicle: Vol. 69, no. 1 (Feb. 1993): p. 71-74.

53. Catts, G. P.; James, A.; Griffith, D. Estimating timber removal acreage from color infrared, aerial optical bar panoramic photography. Color aerial photography and videography in the plant sciences and related fields : proceedings of the ... Biennial Workshop on Color Aerial Photography in the Plant Sciences. Falls Church, VA : American Society for Photogrammetry and Remote Sensing, 1987: p. 71-81.

65. Cluer, J. K. A graphic method for projecting topographic profiles to various scales. Journal of geology: Vol. 100, no. 1 (Jan. 1992): p. 115-117.

66. Daust, D. K.; Nelson, J. D. Spatial reduction factors for strata-based harvest schedules. Forest Science: Vol. 39, no. 1 (Feb. 1993): p. 152-165.

68. Evans, D. L.; Smith, M. O. Separation of vegetation and rock signatures in Thematic Mapper and polarimetric SAR images. Remote sensing of environment: Vol. 37, no. 1 (July 1991): p. 61-75.

69. Franklin, J.; Davis, F. W.; Lefebvre, P. Thematic Mapper analysis of tree cover in semiarid woodlands using a model of canopy shadowing. Remote sensing of environment: Vol. 36, no. 3 (June 1991): p. 189-202.

70. Goward, S. N.; Markham, B.; Dye, D. G., Dulaney, W.; Yang, J. Normalized difference vegetation index measurements from the Advanced Very High Resolution Radiometer. Remote sensing of environment: Vol. 35, nos. 2/3 (Feb./Mar. 1991): p. 257-277.

71. Holland, C. K. Cartographic feature files : a synopsis for the user. Washington, DC: U.S. Dept. of Agriculture, Forest Service, Engineering Staff: 1991: iii, 28 p. (Engineering management; EM-7140-21).

72. Integrated information management program : geographic information system and administrative, scientific, and technical application support. Washington, D.C.: USDA Forest Service: 1992: iv, 41, [28] p.

73. Kershaw, J. A.; Larsen, D. R. A rapid technique for recording and measuring the leaf area of conifer needle samples. Tree physiology: Vol. 11, no. 4 (Dec. 1992): p. 411-417.

74. Larson, F. R. Downed woody material in southeast Alaska forest stands. Portland, Or.: U.S. Dept. of Agriculture, Forest Service, Pacific Northwest Research Station: 1992: 12 p. (Research paper PNW; RP-452).

75. Lathrop, R. G.; Pierce, L. L. Ground-based canopy transmittance and satellite remotely sensed measurements for estimation of coniferous forest canopy structure. Remote sensing of environment: Vol. 36, no. 1 (June 1991): p. 179-188.

77. MacLean, C. D.; Bassett, P. M.; Yeary, G. Timber resource statistics for western Washington. Portland, Or.: U.S. Dept. of Agriculture, Forest Service, Pacific Northwest Research Station: 1992: ix, 115 p. (Resource bulletin PNW ;

88-191).

79. Meresczak, I.; Colmer, J.; Oden, J.; Almy, J.; Boggus, M.; Ishikawa, P.; Lachowski, H.; Ward, J.; Oslin, A. J. Riparian area management : what can remote sensing contribute? Washington, DC: U.S. Dept. of Agriculture, Forest Service, Engineering Staff; 1990: xi, 61 p. (Engineering management; EM-7140-19).

80. Mori, S.; Kawasaki, T.; Takeuchi, I. Non-destructive measurement of the growth of leaf area by means of a portable copying machine. Journal of the Japanese Forestry Society; Vol. 73, no. 4 (1991): p. 298-300.

81. Nelson, J. D.; Errico, D. Multiple-pass harvesting and spatial constraints : an old technique applied to a new problem. Forest Science; Vol. 39, no. 1 (Feb. 1991): p. 137-151.

84. Nilson, T.; Peterson, U. A forest canopy reflectance model and a test case. Remote sensing of environment; Vol. 37, no. 2 (Aug. 1991): p. 131-142.

87. Pukkala, T.; Becker, P.; Kuuluvainen, T.; Oker-Blom, P. Predicting spatial distribution of direct radiation below forest canopies. Agricultural and forest meteorology; Vol. 55, nos. 1/4 (June 1991): p. 295-307.

88. Ritchie, J. C.; Jackson, T. J.; Everitt, J. H.; Escobar, D. E.; Murphey, J. B.; Grissinger, E. H. Airborne laser studies of the landscape. Proceedings of the fifth Federal Interagency Sedimentation Conference, March 18-21, 1991, Las Vegas, Nevada. [Washington, D.C.?] : Federal Energy Regulatory Commission, 1991: v. 1, p. 6.39-6.46.

89. Roesch, F. A.; Van Deusen, P. C. Control variate estimators of survivor growth from point samples. Forest Science; Vol. 39, no. 1 (Feb. 1991): p. 66-77.

91. Stein, W. I. Regeneration surveys and evaluation. Reforestation practices in southwestern Oregon and northern California. Corvallis, OR : Forest Research Laboratory, Oregon State University, 1992: p. 146-182.

92. Strahler, A. H.; Jupp, D. L. B. Modeling bidirectional reflectance of forests and woodland using Boolean models and geometric optics. Remote sensing of environment; Vol. 34, no. 3 (Dec. 1990): p. 153-166.

93. Van Deusen, P. C.; Reams, G. A. Frequency domain tree-ring standardization. Forest Science; Vol. 39, no. 1 (Feb. 1991): p. 55-65.

3

051. ARTIFICIAL REGENERATION

109. Brenner, F. E. Survival and growth of planted Alaska-cedar seedlings in southeast Alaska. Tree planters' notes; Vol. 43, no. 3 (summer 1992): p. [61]-66.

111. Huang, L. C.; Lins, S.; Huang, B. L.; Murashige, T.; Mahdi, E. F. M.; Van Gundy, H. Rejuvenation of Sequoia sempervirens by repeated grafting of shoot tips onto juvenile rootstocks in vitro : model for phase reversal of trees. Plant physiology; Vol. 98, no. 1 (Jan. 1992): p. 166-171.

115. Lopushinsky, W.; Zabowski, D.; Anderson, T. D. Early survival and height growth of Douglas-fir and lodgepole pine seedlings and variation in site factors following treatment of logging residues. Portland, Or.: U.S. Dept. of Agriculture, Forest Service, Pacific Northwest Research Station; 1992: 22 p. (Research paper PNW ; RP-451).

117. Macdonald, G. B.; Weetman, G. F. Functional growth analysis of conifer seedling responses to competing vegetation. Forestry chronicle; Vol. 67, no. 1 (Feb. 1991): p. 64-70.

119. Owston, P. W.; Molina, R.; Walters, G. A. Selection of planting stock, inoculation with mycorrhizal fungi, and use of direct seeding. Reforestation practices in southwestern Oregon and northern California. Corvallis, OR : Forest Research Laboratory, Oregon State University, 1992: p. 310-327.

122. Smit, J.; Van den Driessche, R. Root growth and water use efficiency of Douglas-fir (Pseudotsuga menziesii (Mirb.) Franco) and lodgepole pine (Pinus contorta Dougl.) seedlings. Tree physiology; Vol. 11, no. 4 (Dec. 1992): p. 401-410.

123. South, D. B.; Mason, W. L. Influence of differences in planting stock size on early height growth of Sitka spruce. Forestry; Vol. 66, no. 1 (1993): p. [81]-96.

124. Tanaka, Y.; Dobkowski, A.; Fangen, W. Production and assessment of red alder planting stock. Portland, Or.: U.S. Dept. of Agriculture, Forest Service, Pacific Northwest Research Station; 1992: 11 p. (Research paper PNW; RP-450).

125. Weber, J. C.; Sorensen, F. C. Geographic variation in speed of seed germination in central Oregon ponderosa pine (Pinus ponderosa Dougl. ex Laws.). Portland, Or.: U.S. Dept. of Agriculture, Forest Service, Pacific Northwest Research Station; 1992: 12 p. (Research paper PNW; RP-444).

052. SILVICULTURAL METHODS

128. DeBell, D. S.; Radwan, M. A.; Harrington, C. A.; Clendenen, G. W.; Zasada, J. C.; Harms, W. R.; McKevlin, M. R. Increasing the productivity of biomass plantations of cottonwood and alder in the Pacific Northwest : annual technical report for the period March 1, 1989 - December 15, 1990. Olympia, Wash.: USDA Forest Service, Forestry Sciences Laboratory; [1990?]: 60 p.

130. Erickson, M. D.; Hassler, C. C.; LeDoux, C. B. Felling and skidding cost estimates for thinnings to reduce gypsy moth impacts. Forestry operations in the 1990's, challenges and solutions : proceedings of the 14th Annual Meeting of the Council on Forest Engineering, July 22 to July 25, 1991, Nanaimo, British Columbia, Canada. [Corvallis, Or.] : The Council, [1991]: p. 105-110.

132. Maxwell, J. R.; Neary, D. G. Vegetation management effects on sediment yields. Proceedings of the fifth Federal Interagency Sedimentation Conference, March 18-21, 1991, Las Vegas, Nevada. [Washington, D.C.?] : Federal Energy Regulatory Commission, 1991: v. 2, p. 12.55-12.61.

060. GENETICS/PLANT BREEDING

137. Adams, W. T.; Campbell, R. K.; Kitzmiller, J. H. Genetic considerations in reforestation. Reforestation practices in southwestern Oregon and northern California. Corvallis, OR : Forest Research Laboratory, Oregon State University, 1992: p. 284-308.

071. SYSTEMATIC BOTANY

150. Dimling, J. Sensitive plant field guide : Willamette National Forest. [Portland, Or.]: U.S. Dept. of Agriculture, Forest Service, Pacific Northwest Region, [1991]: 1 v. (loose-leaf).

072. ANATOMY/MORPHOLOGY

151. Miller, D. R.; Schmidt, R. A.; Hubbard, R. M. Canopy architecture of a subalpine spruce-fir forest. 20th Conference on Agricultural and Forest Meteorology : September 10-13, 1991, Salt Lake City, Utah. Boston, Mass. : American Meteorological Society: p. 131-133.

073. PLANT PHYSIOLOGY

156. Braatne, J. H.; Hinckley, T. M.; Stettler, R. F. Influence of soil water on the physiological and morphological components of plant water balance in Populus trichocarpa, Populus deltoides and their F1 hybrids. Tree physiology; Vol. 11, no. 4 (Dec. 1992): p. 325-339.

158. Chazdon, R. L.; Pearcy, R. W. The importance of sunflecks for forest understory plants. BioScience; Vol. 41, no. 11 (Dec. 1991): p. 760-766.

159. Dighton, J.; Jones, H. E.; Poskitt, J. M. The use of nutrient bioassays to assess the response of Eucalyptus grandis to fertilizer application. 1, Interactions between nitrogen, phosphorus, and potassium in seedling nutrition. Canadian journal of forest research; Vol. 23, no. 1 (Jan. 1993): p. 1-6.

160. Johansson, T. Seasonal changes in contents of root starch and soluble carbohydrates in 4-6-year old Betula pubescens and Populus tremula. Scandinavian journal of forest research; Vol. 8, no. 1 (1993): p. [94]-106.

161. Jones, H. E.; Dighton, J. The use of nutrient bioassays to assess the response of Eucalyptus grandis to fertilizer application. 2, A field experiment. Canadian journal of forest research; Vol. 23, no. 1 (Jan. 1993): p. 7-13.

163. Kelsey, R. G.; Vance, N. C. Taxol and cephalomannine concentrations in the foliage and bark of shade-grown and sun-exposed Taxus brevifolia trees. Journal of natural products; Vol. 55, no. 7 (July 1992): p. 912-917.

164. Nyman, B. F. Fractionated extraction and speciation of macronutrients from Scots pine and Norway spruce needles of different ages. Trees; Vol. 7, no. 1 (Nov. 1992): p. [33]-39.

165. Pereira, J. S.; Chaves, M. M.; Fonseca, F.; Araujo, M. C.; Torres, F. Photosynthetic capacity of leaves of Eucalyptus globulus (Labill.) growing in the field of different nutrient and water supplies. Tree physiology; Vol. 11, no. 4 (Dec. 1992): p. 381-389.

166. Price, D. T.; Black, T. A. Effects of summertime changes in weather and root-zone soil water storage on canopy CO2 flux and evapotranspiration of two juvenile Douglas-fir stands. Agricultural and forest meteorology; Vol. 53, no. 4 (Feb. 1991): p. 301-323.

167. Rieger, M.; Duemmel, M. J. Comparison of drought resistance among Prunus species from divergent habitats.

Tree physiology; Vol. 11, no. 4 (Dec. 1992): p. 369-380.

169. Shumway, D. L.; Steiner, K. C.; Kolb, T. C. Variation in seedling hydraulic architecture as a function of species and environment. Tree physiology; Vol. 12, no. 1 (Jan. 1993): p. [41]-54.

074. PLANT ECOLOGY

174. Dietrich, W. The final forest. New York: Simon & Schuster; c1992: 301 p.

175. Ezzell, C. Clues to the origins of flowering plants. Science news; Vol. 141, no. 3 (Jan. 18, 1992): p. 38.

176. Kruckeberg, A. R. Drought-resistant native plants. Washington Park Arboretum bulletin; Vol. 55, no. 3 (fall 1992): p. 12-15.

177. Mitsch, W. J.; Taylor, J. R.; Benson, K. B. Estimating primary productivity of forested wetland communities in different hydrologic landscapes. Landscape ecology; Vol. 5, no. 2 (Mar. 1991): p. [75]-92.

179. Nowak, C. L. Reconstruction of post-glacial vegetation and climate history in western Nevada : evidence from plant macrofossils in Neotoma middens; 1991: vi, 69 leaves. Thesis (M.S.)--University of Nevada, Reno, 1991)

181. Sprugel, D. G. Disturbance, equilibrium, and environmental variability : what is 'natural' vegetation in a changing environment? Biological conservation; Vol. 58, no. 1 (1991): p. 1-18.

080. PLANT INJURY/PEST CONTROL

185. Gast, W. R.; Scott, D. W.; Schmitt, C.; Clemens, D.; Howes, S.; Johnson, C. G.; Mason, R.; Mohr, F.; Clapp, R. A. Blue Mountains forest health report : new perspectives in forest health. [Portland, Or.?]: U.S. Dept. of Agriculture, Forest Service, Pacific Northwest Region, Malheur, Umatilla and the Wallowa-Whitman National Forests; 1991: 1 v. (various pagings).

081. MYCOLOGY/PATHOLOGY

189. Campbell, R. Current status of biological control of soil-borne deseases. Soil use and management; Vol. 6, no. 4 (Dec. 1990): p. 171-178.

193. Faure-Raynaud, M.; Daniere, C.; Moiroud, A.; Capellano, A. Intraspecific variability of isozymes in Penicillium nodositatum Valla, a fungus inducing 'myconodules' on the root-system of Alnus sp. Plant and soil; Vol. 137, no. 2 (Nov. 11, 1991): p. [285]-291.

194. Fox, R. T. V. Rapid methods for diagnosis of soil-borne plant pathogens. Soil use and management; Vol. 6, no. 4 (Dec. 1990): p. 179-184.

198. Luoma, D. L.; Frenkel, R. E.; Trappe, J. M. Fruiting of hypogeous fungi in Oregon Douglas-fir forests : seasonal and habitat variation. Mycologia; Vol. 83, no. 3 (1991): p. 335-353.

200. Perrin, R. Interactions between mycorrhizae and diseases caused by soil-borne fungi. Soil use and management; Vol. 6, no. 4 (Dec. 1990): p. 189-195.

082. INSECTS

206. Clancy, K. M.; Itami, J. K.; Huebner, D. P. Douglas-fir nutrients and terpenes : potential resistance factors to western spruce budworm defoliation. Forest Science; Vol. 39, no. 1 (Feb. 1993): p. 78-94.

207. Controlling elm leaf beetles. Landscape & irrigation; Vol. 16, no. 1 (Jan. 1992): p. 44-45.

211. Hollenhorst, S. J.; Brock, S. M.; Freimund, W. A.; Twery, M. J. Predicting the effects of gypsy moth on near-view aesthetic preferences and recreation appeal. Forest Science; Vol. 39, no. 1 (Feb. 1993): p. 28-40.

083. HARMFUL VEGETATION

216. Bowersox, T. W.; Stover, L. R.; Strauss, Blankenhorn, P. R. Advantages of an effective weed control program for Populus hybrids. Tree planters' notes; Vol. 43, no. 3 (summer 1992): p. [81]-86.

221. Hawksworth, F. G.; Scharpf, R. F.; Marosy, M. European mistletoe continues to spread in Sonoma County. California agriculture; Vol. 45, no. 6 (Nov./Dec. 1991): p. 39-40.

225. Roche, C. T.; Roche, B. F. Distribution and amount of four knapweed (Centaurea L.) species in eastern Washington. Northwest science; Vol. 62, no. 5 (1988): p. 242-251.

226. Singh, D.; Kohli, R. K.; Saxena, D. B. Effect of eucalyptus oil on germination and growth of Phaseolus aureus Roxb. Plant and soil; Vol. 137, no. 2 (Nov. 11, 1991): p. [223]-227.

084. ENVIRONMENTAL INJURY

230. Gore, A. The unsheltering sky. National parks; Vol. 68, nos. 7/8 (July/Aug. 1992): p. 26-27.

231. Harris, T. David Love : selenium in the West. High country news; Vol. 24, no. 2 (Feb. 10, 1992): p. [7]-11.

232. Jensen, K. F. Photosynthesis of woody plants : the impact of acidic pollutants, oxidants, and heavy metals. Effects of acid rain on forest resources : proceedings of the conference held in Sainte Foy, Quebec, 14-17 June 1981. Ottawa : Forestry Canada, 1991: p. 121-130. (Information report (Canada. Forestry Canada) ; DPC-X-35).

237. Maier-Maercker, U.; Koch, W. The effect of air pollution on the mechanism of stomatal control. Trees; Vol. 7, no. 1 (Nov. 1992): p. [12]-25.

239. Pierce, R. S. The United States experience in using experimental watersheds in acid rain research. Effects of acid rain on forest resources : proceedings of the conference held in Sainte Foy, Quebec, 14-17 June 1981. Ottawa : Forestry Canada, 1991: p. 151-154. (Information report (Canada. Forestry Canada) ; DPC-X-35).

242. Segura, G. Dynamics of old-growth forests of Abies amabilis impacted by tephra from the 1980 eruption of Mount St. Helens, Washington; 1991: x, 170 leaves. Thesis (Ph.D.)--University of Washington, 1991.

244. Temple, P. J.; Riechers, G. H.; Miller, P. R.; Lennox, R. W. Growth responses of ponderosa pine to long-term exposure to ozone, wet and dry acidic deposition, and drought. Canadian journal of forest research; Vol. 23, no. 1 (Jan. 1993): p. 59-66.

085. ANIMAL DAMAGE

246. Bomford, M.; O'Brien, P. H. Sonic deterrents in animal damage control : a review of device tests and effectiveness. Wildlife Society bulletin; Vol. 18, no. 4 (winter 1990): p. [411]-422.

247. Sullivan, T. P. Feeding damage by bears in managed forests of western hemlock-western red cedar in midcoastal British Columbia. Canadian journal of forest research; Vol. 23, no. 1 (Jan. 1993): p. 49-54.

090. FOREST FIRES

248. Andrews, P. L.; Potts, D. F. Proceedings of the 11th Conference on Fire and Forest Meteorology, April 16-19, 1991, Missoula, Montana. Bethesda, MD: Society of American Foresters; c1991: 616 p. (SAF publication; 91-04).

249. Chappell, C. B. Fire ecology and seedling establishment in shasta red fir (Abies magnifica var. shastensis) forests of Crater Lake National Park, Oregon; 1991: vi, 133 leaves. Thesis (M.S.)--University of Washington, 1991.

252. Ottmar, R. D. Forest health in the Blue Mountain region : can prescribed fire help? Natural resource news; Vol. 1, no. 1 (winter 1991): p. 3, 7.

253. Ward, D. E.; Susott, R. A.; Babbitt, R. E.; Hardy, C. C. Properties and concentration of smoke near the ground from biomass field tests. Proceedings of the Smoke/Obscurants Symposium XIV. Aberdeen Proving Ground, Md. : U.S. Army Armament, Munitions Chemical Command, 1990: p. 685-705.

254. White, A. S.; Cook, J. E.; Vose, J. M. Effects of fire and stand structure on grass phenology in a ponderosa pine forest. The American midland naturalist; Vol. 126, no. 2 (1991): p. 269-278.

100. PHYSICAL ENVIRONMENT

255. Webster, M.; Koler, T. A process to evaluate watershed cumulative effects. Proceedings of the fifth Federal Interagency Sedimentation Conference, March 18-21, 1991, Las Vegas, Nevada. [Washington, D.C.?] : Federal Energy Regulatory Commission, 1991: v. 2, p. 11.40-11.44.

101. FOREST SOILS

258. Avery, M. E. Characterization of nitrogenous solutes in tissues and xylem sap of Leucaena leucocephala. Tree physiology; Vol. 12, no. 1 (Jan. 1993): p. [23]-40.

260. Callaway, R. M.; Nadkarni, N. M. Seasonal patterns of nutrient deposition in a Quercus douglasii woodland in central California. Plant and soil; Vol. 117, no. 2 (Nov.

11, 1991): p. [209]-222.

261. Camire, C.; Cote, B.; Brulotte, S. Decomposition of roots of black alder and hybrid poplar in short-rotation plantings : nitrogen and lignin control. Plant and soil; Vol. 138, no. 1 (Dec. 1, 1991): p. [123]-132.

261. Chatwin, S. C. A Guide for management of landslide-prone terrain in the Pacific Northwest. Victoria, B.C.: Research Branch, Ministry of Forests; c1991: xi, 212 p. (Land management handbook; no. 18).

264. Dahlberg, A.; Stenstrom, E. Dynamic changes in nursery and indigenous mycorrhiza of Pinus sylvestris seedlings planted out in forest and clearcuts. Plant and soil; Vol. 136, no. 1 (Sept. 1991): p. [73]-85.

265. Danso, S. K. A.; Bowen, G. D.; Sanginga, N. Biological nitrogen fixation in trees in agro-ecosystems. Plant and soil; Vol. 141, no. 12 (1992): p. 177-196.

266. Eason, W. R.; Newman, E. I.; Chuba, P. N. Specificity of interplant cycling of phosphorus : the role of mycorrhizas. Plant and soil; Vol. 137, no. 2 (Nov. 11, 1991): p. 267-274.

267. Green, R. N.; Trowbridge, R. L.; Klinka, K. Towards a taxonomic classification of humus forms; Vol. 19, no. 1 Suppl. (Feb. 1993): p. 1-49.

268. Haneberg, W. C. Pore pressure diffusion and the hydrologic response of nearly saturated, thin landslide deposits to rainfall. Journal of geology; Vol. 99, no. 6 (Nov. 1991): p. 886-892.

270. Heede, B. H. Stop sediment on the watershed, not in the stream. Proceedings of the fifth Federal Interagency Sedimentation Conference, March 18-21, 1991, Las Vegas, Nevada. [Washington, D.C.?] : Federal Energy Regulatory Commission, 1991: v. 2, p. 12.17-12.22.

271. Hogberg, P.; Tamm, C. O.; Hogberg, M. Variations in ^{15}N abundance in a forest fertilization trial : critical loads of N, N saturation, contamination and effects of revitalization fertilization. Plant and soil; Vol. 142, no. 2 (1992): p. [211]-219.

272. Hornbeck, J. W.; Federer, C. A. Acid rain and the buffer capacity of forest soils. Effects of acid rain on forest resources : proceedings of the conference held in Sainte Foy, Quebec, 14-17 June 1983. Ottawa : Forestry Canada, 1991: p. 177-186. (Information report (Canada. Forestry Canada) ; DPC-X-35).

275. Kuo, S.; Brauen, S. E.; Jellum, E. J. The effects of aluminum and phosphate on the growth of annual bluegrass and bentgrass in some acidic Washington soils. Soil Science; Vol. 153, no. 5 (1992): p. 365-372.

289. Swanston, D. N.; Marion, D. A. Landslide response to timber harvest in southeast Alaska. Proceedings of the fifth Federal Interagency Sedimentation Conference, March 18-21, 1991, Las Vegas, Nevada. [Washington, D.C.?] : Federal Energy Regulatory Commission, 1991: v. 2, p. 10.49-10.55.

102. HYDROLOGY

291. Adams, P. W.; Stack, W. R. Streamwater quality after loggin; in southwest Oregon : project completion report (Supplement number PNW 87-400). [Portland, Or.: Pacific Northwest Research Station?]; 1989: [38] p.

292. Adamson, B.; Harris, A. Sediment control plans : reducing sediment concerns at water crossings. [Thunder Bay]: Ontario, Ministry of Natural Resources, Northwestern Ontario Forest Technology Development Unit; 1992: 7 p. (Technical notes (Ontario. Northwestern Ontario Forest Technology Development Unit); TN-20).

293. Andersson, L.; Sivertun, A. A GIS-supported method for detecting the hydrological mosaic and the role of man as a hydrological factor. Landscape ecology; Vol. 5, no. 2 (Mar. 1991): p. [107]-124.

294. Bohn, C. C.; Megahan, W. F. Changes in sediment storage in the South Fork Salmon River, Idaho. Proceedings of the fifth Federal Interagency Sedimentation Conference, March 18-21, 1991, Las Vegas, Nevada. [Washington, D.C.?] : Federal Energy Regulatory Commission, 1991: v. 2, p. 12.23-12.29.

295. Bruen, M.; Dooge, J. C. I. Unit hydrograph estimation with multiple events and prior information. II, Evaluation of the method. Hydrological sciences journal; Vol. 37, no. 5 (Oct. 1992): p. 445-462.

296. Bruen, M.; Dooge, J. C. I. Unit hydrograph estimation with multiple events and prior information. I, Theory and a computer program. Hydrological sciences journal; Vol. 37, no. 5 (Oct. 1992): p. 429-443.

297. Butler, D. R. Snow avalanche-dams and resultant hazards in Glacier National Park, Montana. Northwest science; Vol. 63, no. 3 (1989): p. 109-115.

298. De Boer, D. H. Constraints on spatial transference of rainfall-runoff relationships in semiarid basins drained by ephemeral streams. Hydrological sciences journal; Vol. 37, no. 5 (Oct. 1992): p. 491-504.

299. Dieter, C. D. Water turbidity in tilled and untilled prairie wetland. Journal of freshwater ecology; Vol. 6, no. 2 (June 1991): p. 185-189.

100. Eads, R. E. Controlling sediment collection with data loggers. Proceedings of the fifth Federal Interagency Sedimentation Conference, March 18-21, 1991, Las Vegas, Nevada. [Washington, D.C.?] : Federal Energy Regulatory Commission, 1991: v. 1, p. 2.41-2.48.

104. Jamieson, B.; Johnston, C. The width of unconfined slab avalanches. Avalanche review; Vol. 10, no. 2 (Dec. 1991): p. 1, 6.

105. Johnejack, K. R.; Megahan, W. F. Sediment transport in headwater channels in Idaho. Proceedings of the fifth Federal Interagency Sedimentation Conference, March 18-21, 1991, Las Vegas, Nevada. [Washington, D.C.?] : Federal Energy Regulatory Commission, 1991: v. 1, p. 4.155-4.160.

106. Johnson, R. California's response to water quality and logging activities. Proceedings of the fifth Federal Interagency Sedimentation Conference, March 18-21, 1991, Las Vegas, Nevada. [Washington, D.C.?] : Federal Energy Regulatory Commission, 1991: v. 2, p. PD.12-PD.15.

107. Jones, K. F.; Egelhofer, K. Z. Computer model of atmospheric ice accretion on transmission lines. [Hanover, N.H.]: U.S. Army Corps of Engineers Cold Regions Research & Engineering Laboratory; 1991: iii, 21 p. (CRREL report; 91-1).

108. Ketcheson, G. L. Sediment tracing in step-pool granitic streams in Idaho. Proceedings of the fifth Federal Interagency Sedimentation Conference, March 18-21, 1991, Las Vegas, Nevada. [Washington, D.C.?] : Federal Energy Regulatory Commission, 1991: v. 1, p. 4.147-4.154.

109. Leopold, L. B.; Rosgen, D. C. Movement of bed material clasts in mountain streams. Proceedings of the fifth Federal Interagency Sedimentation Conference, March 18-21, 1991, Las Vegas, Nevada. [Washington, D.C.?] : Federal Energy Regulatory Commission, 1991: v. 1, p. 4.181-4.188.

110. Lewis, J. An improved bedload sampler. Proceedings of the fifth Federal Interagency Sedimentation Conference, March 18-21, 1991, Las Vegas, Nevada. [Washington, D.C.?] : Federal Energy Regulatory Commission, 1991: v. 1, p. 6.1-6.8.

111. Mohrman, J. Postfire suspended sediment in Yellowstone Park. Proceedings of the fifth Federal Interagency Sedimentation Conference, March 18-21, 1991, Las Vegas, Nevada. [Washington, D.C.?] : Federal Energy Regulatory Commission, 1991: v. 1, p. 4.175-4.182.

114. Sharma, K. D.; Dhir, R. P.; Murthy, J. S. R. Modelling suspended sediment flow in arid upland basins. Hydrological sciences journal; Vol. 37, no. 5 (Oct. 1992): p. 481-490.

115. Thomas, R. B. Systematic sampling for suspended sediment. Proceedings of the fifth Federal Interagency Sedimentation Conference, March 18-21, 1991, Las Vegas, Nevada. [Washington, D.C.?] : Federal Energy Regulatory Commission, 1991: v. 1, p. 2.17-2.24.

116. Thurow, R.; King, J. Effects of fine sediment on fish population. Proceedings of the fifth Federal Interagency Sedimentation Conference, March 18-21, 1991, Las Vegas, Nevada. [Washington, D.C.?] : Federal Energy Regulatory Commission, 1991: v. 2, p. 11.49-11.56.

117. Wexler, M.; Wood, T. Sacred rights. National wildlife; Vol. 30, no. 4 (June/July 1992): p. [18]-21.

101. GEOLOGY/MINERAL RESOURCES

118. Long, W. A. Probable sixth Leavenworth glacial substage in the Icicle-Chiwaukum Creeks Area, North Cascade Range, Washington. Northwest science; Vol. 61, no. 1 (1989): p. 96-101.

119. McClelland, W. C.; Gehrels, G. E.; Samson, S. D.; Patchett, P. J. Protolith relations of the Gravina Belt and Yukon-Tanana terrane in central southeastern Alaska. Journal of geology; Vol. 100, no. 1 (Jan. 1992): p. 107-121.

120. Mclelland, J.; Chiarenzelli, J.; Perham, A. Age, field, and petrological relationships of the Hyde School Gneiss, Adirondack lowlands, New York : criteria for an intrusive igneous origin. Journal of geology; Vol. 100, no. 1 (Jan. 1992): p. 69-90.

104. CLIMATOLOGY/METEOROLOGY

121. Bazzaz, F. A.; Fajer, E. D. Plant life in a CO2-rich world. Scientific American; Vol. 266, no. 1 (Jan. 1992): p. 68-74.

122. Becker, P.; Weingarten, D. S. A comparison of several models for separating direct and diffuse components of solar irradiation. Agricultural and forest meteorology: Vol. 51, no. 4 (Feb. 1991): p. 347-351.

121. Connell, B. H.; Wooldridge, G. L.; Fox, D. G. Considerations on the use of upper air humidity measurements in determining fire potential. Proceedings of the 11th Conference on Fire and Forest Meteorology : April 16-19, 1991, Missoula, Montana. Bethesda, MD : Society of American Foresters, c1991: p. [58-65]. (SAF publication : 91-04).

112. TERRESTRIAL ANIMALS

128. LeBaron, G. S. The 89th Christmas Bird Count. American birds: Vol. 43, no. 4 (Christmas 1989): p. 551-559.

111. AQUATIC ANIMALS

129. Apperson, K. More than a "pretty" face : a sturgeon primer. Idaho wildlife: Vol. 12, no. 1 (winter 1992): p. 6.

130. Apperson, K. White sturgeon of the Kootenai : the long river to recovery. Idaho wildlife: Vol. 12, no. 1 (winter 1992): p. 4-5.

131. Bond, C. E.; Rexstad, E.; Hughes, R. M. Habitat use of twenty-five common species of Oregon freshwater fishes. Northwest science: Vol. 62, no. 5 (1988): p. 221-211.

132. Chatters, J. C.; Neitzel, D. A.; Scott, M. J.; Shankle, S. A. Potential impacts of global climate change on Pacific Northwest spring chinook salmon (Oncorhynchus tshawytscha)--an exploratory case study. Northwest environmental journal: Vol. 7, no. 1 (spring/summer 1991): p. 71-92.

135. Knight, S. S.; Cooper, C. M. Effects of bank protection on stream fishes. Proceedings of the fifth Federal Interagency Sedimentation Conference, March 18-21, 1991, Las Vegas, Nevada. [Washington, D.C.?] : Federal Energy Regulatory Commission, 1991: v. 2, p. 11.14-11.19.

136. Livermore, B. Amphibian alarm : just where have all the frogs gone? Smithsonian: Vol. 21, no. 7 (Oct. 1992): p. 111-120.

137. Tennesen, M.; Wu, N. Kelp : keeping a forest afloat. National wildlife: Vol. 30, no. 4 (June/July 1992): p. 4-11.

138. Tilley, L. J.; Slack, K. V.; Kennelly, S. S. Transport of invertebrates and detritus in streams. Proceedings of the fifth Federal Interagency Sedimentation Conference, March 18-21, 1991, Las Vegas, Nevada. [Washington, D.C.?] : Federal Energy Regulatory Commission, 1991: v. 2, p. 11.9-11.17.

139. Von Guerard, P. Variation in streambed material, bedload, and benthic invertebrates. Proceedings of the fifth Federal Interagency Sedimentation Conference, March 18-21, 1991, Las Vegas, Nevada. [Washington, D.C.?] : Federal Energy Regulatory Commission, 1991: v. 2, p. 11.1-11.8.

140. Ward, N. The problem of sediment in water for fish. [Thunder Bay]: Ontario, Ministry of Natural Resources, Northwestern Ontario Forest Technology Development Unit: 1992: 8 p. (Technical notes (Ontario. Northwestern Ontario Forest Technology Development Unit); TN-21).

141. Watkins, T. H. The salmon-hunters. Wilderness: Vol. 55, no. 197 (summer 1992): p. 8-9.

115. ANIMAL ECOLOGY

142. Albers, R. P.; Gehlbach, F. R. Choices of feeding habitat by relict Montezuma Quail in central Texas. The Wilson bulletin: Vol. 102, no. 3 (June 1990): p. 100-108.

143. Blanchard, B. M.; Knight, R. R. Movements of Yellowstone grizzly bears. Biological conservation: Vol. 58, no. 1 (1991): p. 41-67.

144. Brown, J. H.; Nicoletto, P. F. Spatial scaling of species composition : body masses of North American land mammals. The American naturalist: Vol. 138, no. 6 (Dec. 1991): p. 1478-1512.

145. Bull, E. L. Summer roosts and roosting behavior of Vaux's swifts in old-growth forests. Northwestern naturalist: Vol. 72, no. 2 (autumn 1991): p. 78-82.

146. Conover, A. He's just one of the bears. National wildlife: Vol. 30, no. 4 (June/July 1992): p. 30-36.

147. Cox, G. W. Early summer diet and food preferences of northern pocket gophers in north central Oregon. Northwest science: Vol. 63, no. 1 (1989): p. 77-82.

148. De Santo, T. L.; McDowell, S. G.; Bildstein, K. L. Plumage and behavioral development of nestling white ibises. The

Wilson bulletin: Vol. 102, no. 2 (June 1990): p. 226-238.

149. DellaSala, D. A.; Thomas, C. L.; Anthony, R. G. Use of domestic sheep carrion by bald eagles wintering in the Willamette Valley, Oregon. Northwest science: Vol. 63, no. 1 (1989): p. 106-108.

150. Drew, L. Rough ride on the road to recovery. National wildlife: Vol. 30, no. 3 (Apr./May 1992): p. 35-38.

152. Fackelmann, K. A. Plight of the plover : do crowded beaches threaten this sand-loving shorebird? Science news: Vol. 140, no. 23 (Dec. 7, 1991): p. 382-381.

155. Hoffman, R. W. Chronology of gobbling and nesting activities of Merriam's wild turkeys. Research review : terrestrial and aquatic wildlife research of the Colorado Division of Wildlife: No. 1 (June 1991): p. 5.

156. MacHutchon, A. G. Spring and summer food habits of black bears in the Pelly River Valley, Yukon. Northwest science: Vol. 63, no. 3 (1989): p. 116-118.

157. Mara, M. Surviving winter, chickadee style. High country news: Vol. 24, no. 2 (Feb. 10, 1992): p. 16.

158. Milne, D. G.; Harestad, A. S.; Atkinson, K. Diets of wolves on northern Vancouver Island. Northwest science: Vol. 63, no. 3 (1989): p. 83-86.

159. Miquelle, D. G.; Peek, J. M.; Van Ballenberghe, V. Sexual segregation in Alaskan moose. Bethesda, MD: Wildlife Society: 1992: 57 p.

160. Morin, M. P.; Conant, S. Nest substrate variation between native and introduced populations of Laysan Finches. The Wilson bulletin: Vol. 102, no. 4 (Dec. 1990): p. 591-604.

161. Morrison, M. L.; Marcot, B. G.; Mannan, R. W. Wildlife-habitat relationships : concepts and applications. Madison, Wis.: University of Wisconsin Press: c1992: xix, 343 p.

162. Opdam, P. Metapopulation theory and habitat fragmentation : a review of holarctic breeding bird studies. Landscape ecology: Vol. 5, no. 2 (Mar. 1991): p. [93]-106.

163. Rendell, W. B.; Robertson, R. J. Influence of forest edge on nest-site selection by tree swallows. The Wilson bulletin: Vol. 102, no. 4 (Dec. 1990): p. 614-644.

164. Rollfinke, B. F.; Yahner, R. H.; Wakeley, J. S. Effects of forest irrigation on long-term trends in breeding-bird communities. The Wilson bulletin: Vol. 102, no. 2 (June 1990): p. 264-278.

167. Shaw, J. H.; Carter, T. S. Bison movements in relation to fire and seasonality. Wildlife Society bulletin: Vol. 18, no. 4 (winter 1990): p. [426]-430.

168. Verner, J.; McKelvey, K. S.; Noon, B. R.; Gutierrez, R. J.; Gould, G. I.; Beck, T. W. The California spotted owl : a technical assessment of its current status. Berkeley, Calif.: U.S. Dept. of Agriculture, Forest Service, Pacific Southwest Research Station: 1992: vi, 285 p. (General technical report PSW; GTR-133).

169. Wildlife diversity and landscape patterns in Northwest coastal forests : [a workshop], September 14-15, 1989, Performing Arts Center, Newport, Oregon. [Newport, Or.?]: Coastal Oregon Productivity Enhancement: [1989?]: iii, 85 p.

171. Wylie, J. L.; Currie, D. J. Species-energy theory and patterns of species richness. II, Predicting mamal species richness on isolated nature reserves. Biological conservation: Vol. 61, no. 2 (1991): p. 145-148.

120. RANGE MANAGEMENT

172. Batts, D.; Kerr, A. Public land grazing fees in Oregon : stark contrasts. Forest watch: Vol. 11, no. 11 (June 1991): p. 19-20.

173. Blair, G. J.; Godwin, D. C. Phosphorus efficiency in pasture species. VII, Relationships between yield and P uptake and root parameters in two accessions of white clover. Australian journal of agricultural research: Vol. 42, no. 7 (1991): p. 1271-1281.

174. Charles, G. W.; Andrews, A. C.; Blair, G. J. The effect of sowing time, sowing technique and post-sowing weed competition on tall fescue (Festuca arundinacea Schreb.) seedling establishment. Australian journal of agricultural research: Vol. 42, no. 7 (1991): p. 1251-1259.

175. Charles, G. W.; Blair, G. J.; Andrews, A. C. The effect of soil temperature, sowing depth and soil bulk density on the seeding emergence of tall fescue (Festuca arundinacea Schreb.) and white clover (Trifolium repens L.). Australian journal of agricultural research: Vol. 42, no. 7 (1991): p. 1261-1269.

176. Giesen, K. M. Lesser prairie-chicken population inventory and census methodology. Research review : terrestrial and aquatic wildlife research of the Colorado Division of

Wildlife: No. 1 (June 1991): p. 1.

378. Hobbs, N. T.; Baker, D. L.; Bear, G. D.; Gill, R. B. Effects of elk grazing on cattle performance on sagebrush-grassland ranges : a question of fairness. Research review : terrestrial and aquatic wildlife research of the Colorado Division of Wildlife: No. 1 (June 1991): p. 11-12.

379. Integrated Hardwood Range Management Program : accomplishments and new directions : report to the California State Board of Forestry by the Forest and Rangeland Resources Assessment Program. [Sacramento, Calif.?]: The Program: 1989: 57 p.

380. Matthews, A. An academic couple brings an unwelcome message to the people of the Great Plains. High country news: Vol. 23, no. 23 (Dec. 16, 1992): p. 8-10, 13.

131. LAND USE--GENERAL

381. 1990 BLM facts & figures for Utah. [Salt Lake City, Utah: U.S. Dept. of the Interior, Bureau of Land Management: 1991?]: 71 p.

382. 1991 BLM facts & figures for Utah. [Salt Lake City, Utah: U.S. Dept. of the Interior, Bureau of Land Management: 1992?]: 63 p.

383. Frenkel, R. E.; Morlan, J. C. Can we restore our salt marshes? : lessons from the Salmon River, Oregon. Northwest environmental journal: Vol. 7, no. 1 (spring/summer 1991): p. 119-135.

384. Greacen, S. New alternatives for the Pacific Northwest? : the gang of four outlines 36 options for Congress. Forest watch: Vol. 11, no. 11 (June 1991): p. 8-14.

387. Keene, R. New perspectives at work on the Mt. Hood Forest. Forest watch: Vol. 11, no. 11 (June 1991): p. 17-18.

388. Van Metre, P. C.; Gray, J. R. Effects of uranium mining discharges on water quality in the Puerco River basin, Arizona and New Mexico. Hydrological sciences journal: Vol. 37, no. 5 (Oct. 1992): p. 461-480.

132. URBAN FORESTRY

390. Booth, D. B. Urbanization and the natural drainage system : impacts, solutions, and prognoses. Northwest environmental journal: Vol. 7, no. 1 (spring/summer 1991): p. 93-118.

391. Deneke, F. J. A history of federal funding. Proceedings of the fifth National Urban Forest Conference : Los Angeles, California, November 15-19, 1991. Washington, D.C. : American Forestry Association, c1992: p. 188-189.

392. Deneke, F. J. The urban forestry movement : a spirit of partnership. Proceedings of the fifth National Urban Forest Conference : Los Angeles, California, November 15-19, 1991. Washington, D.C. : American Forestry Association, c1992: p. 88-90.

393. Dwyer, J. F. Economic benefits and costs of urban forests. Proceedings of the fifth National Urban Forest Conference : Los Angeles, California, November 15-19, 1991. Washington, D.C. : American Forestry Association, c1992: p. 55-58.

394. Gobster, P. Social benefits and costs of enhancing biodiversity in urban forests. Proceedings of the fifth National Urban Forest Conference : Los Angeles, California, November 15-19, 1991. Washington, D.C. : American Forestry Association, c1992: p. 62-65.

396. Macie, E.; Skiera, R. Seeing and growing the urban forest. Proceedings of the fifth National Urban Forest Conference : Los Angeles, California, November 15-19, 1991. Washington, D.C. : American Forestry Association, c1992: p. 96-98.

398. McPherson, E. G. Environmental benefits and costs of theurban forest. Proceedings of the fifth National Urban Forest Conference : Los Angeles, California, November 15-19, 1991. Washington, D.C. : American Forestry Association, c1992: p. 52-54.

401. Pouyat, R. V.; Zipperer, W. C. The uses and management of urban woodlands. Proceedings of the fifth National Urban Forest Conference : Los Angeles, California, November 15-19, 1991. Washington, D.C. : American Forestry Association, c1992: p. 26-29.

404. Schroeder, H.; Lewis, C. Psychological benefits and costs of urban forests. Proceedings of the fifth National Urban Forest Conference : Los Angeles, California, November 15-19, 1991. Washington, D.C. : American Forestry Association, c1992: p. 66-68.

133. AGROFORESTRY

409. McDonald, P. M.; Fiddler, G. O. Grazing with sheep : effect on pine seedlings, shrubs, forbs, and grasses.

Proceedings, the 2nd Conference on Agroforestry in North America, Springfield, Missouri, August 18-21, 1991. [Columbia, Mo. : School of Natural Resources, University of Missouri?, 1991]: p. 221-231.

140. FOREST RECREATION

419. Blanding, C. Seize the day : adventure activities for senior adults. Trends; Vol. 29, no. 4 (1992): p. 14-17.

421. Chavez, D. J. Hispanic recreationists in the wildland : urban interface. Trends; Vol. 29, no. 4 (1992): p. 23-25.

423. Clark, R. N.; Gibbons, D. R. Recreation. Influences of forest and rangeland management on salmonid fishes and their habitats. Bethesda, Md. : American Fisheries Society, c1991: p. 459-481. (American Fisheries Society special publication ; 19).

424. Cornell, C.; O'Leary, J. T. Identifying angler travel segments. Proceedings, 1989 Southeastern Recreation Research Conference : February 15-17, 1989, Asheville, North Carolina. Athens, Ga. : Produced by Institute for Behavioral Research, University of Georgia, 1990: p. 133-142.

425. Estill, E. The evolution, direction, and implications of America's great outdoors. Proceedings, 1989 Southeastern Recreation Research Conference : February 15-17, 1989, Asheville, North Carolina. Athens, Ga. : Produced by Institute for Behavioral Research, University of Georgia, 1990: p. 27-33.

426. Gold, S. M. Resolving conflicts of recreation users. Trends; Vol. 29, no. 4 (1992): p. 41-46.

428. Hall, D.; O'Leary, J. T. Nonconsumptive involvement in the South Atlantic States : differentiating birder participation. Proceedings, 1989 Southeastern Recreation Research Conference : February 15-17, 1989, Asheville, North Carolina. Athens, Ga. : Produced by Institute for Behavioral Research, University of Georgia, 1990: p. 65-77.

429. Hartmann, L. A.; Overdevest, C. Race, ethnicity, and outdoor recreation participation : a state-of-the-knowledge review and theoretical perspective. Proceedings, 1989 Southeastern Recreation Research Conference : February 15-17, 1989, Asheville, North Carolina. Athens, Ga. : Produced by Institute for Behavioral Research, University of Georgia, 1990: p. 53-63.

431. Hemingway, J. L. Recreation and responsibility, professional and social. Trends; Vol. 29, no. 4 (1992): p. 36-40.

432. Hewitt, D. W.; Crump, L. N. Outdoor recreation for persons with disabilities. Trends; Vol. 29, no. 4 (1992): p. 4-9.

436. Rieger, T. Calcareous tufa formations : Searles Lake and Mono Lake. California geology; Vol. 45, no. 4 (July/Aug. 1992): p. 99-109.

437. Williams, D. R.; Haggard, L. M. Recreation as self-affirmation : processs, product and ethics. Proceedings, 1989 Southeastern Recreation Research Conference : February 15-17, 1989, Asheville, North Carolina. Athens, Ga. : Produced by Institute for Behavioral Research, University of Georgia, 1990: p. 35-43.

150. SOCIAL SCIENCE AND EDUCATION

438. Blatner, K. A.; Carroll, M. S.; Richmond, R. L.; Zamora, B. A. Integrated forest resource education : one response to the challenge. Journal of forestry; Vol. 91, no. 3 (Mar. 1993): p. 17-22.

439. Christensen, T. The "Other" list of interpretive program hints. Legacy; Vol. 2, no. 6 (Nov./Dec. 1991): p. 12.

440. DeMars, L. L. Designs of the times. Legacy; Vol. 2, no. 6 (Nov./Dec. 1991): p. 18-19.

441. Dengler, B. Meadow stompers stamped out on Mount Rainier. Legacy; Vol. 2, no. 6 (Nov./Dec. 1991): p. 13.

442. Ellefson, P. V. Politics and policymaking : a teaching challenge in forestry. Journal of forestry; Vol. 91, no. 3 (Mar. 1993): p. 24-27.

443. Gale, R. P. Forest resource-dependent communities and the new forestry : how wide the welcome mat in the Pacific Northwest? Northwest environmental journal; Vol. 7, no. 1 (spring/summer 1991): p. 7-31.

444. Garland, J. J.; Adams, P. W. Coordinated tactical program planning among specialists and agents : the Oregon Extension Forestry experience. Journal of natural resources and life sciences education; Vol. 21, no. 1 (spring 1992): p. 64-69.

445. Green, D. F.; Bevill, R.; Dark, L. Cultural resources on the Mill Sale : managing beyond flag and avoid. Phase 1, Survey. San Francisco, Calif.: U.S.D.A. Forest Service, Warner Mountain Ranger District, Modoc National

Forest; 1991: vii, 78 p.

446. Hildebrandt, R. E.; Floyd, D. W.; Koslowsky, K. M. A review of urban forestry education in the 1990s. Journal of forestry; Vol. 91, no. 3 (Mar. 1993): p. 40-42.

447. Hodgdon, H. E.; Thomas, J. W.; Torgerson, O. University education in wildlife biology : what's given and what's needed! Human dimensions in wildlife newsletter; Vol. 9, no. 4 (fall 1990): p. 17-20.

448. Hosner, J. F. Meeting demands for breadth and depth : a two-tiered approach. Journal of forestry; Vol. 91, no. 3 (Mar. 1991): p. 15-16.

449. Hugh, K. Applying Madeline Hunter's principles of learning to interpretive experiences. Legacy; Vol. 2, no. 6 (Nov./Dec. 1991): p. 24-25.

450. Krasny, M. E.; Marchell, T. C. Expanding the science pipeline : the Cornell University natural resources experience. Journal of forestry; Vol. 91, no. 3 (Mar. 1993): p. 34-38.

452. Mott, W. P. The future of interpretation. Legacy; Vol. 2, no. 6 (Nov./Dec. 1991): p. 6-7.

455. Paananen, D. M.; Hyldahl, C. A.; Bauer, L. S.; Main, W. A. Training tomorrow's forest resource scientists : it's never too early to start. Journal of forestry; Vol. 91, no. 3 (Mar. 1993): p. 28-32.

456. Petersen, J. Today's forestry graduates : an exodus of elephant drivers. Journal of forestry; Vol. 91, no. 3 (Mar. 1993): p. 12-14.

457. La Pierre, Y. Learning gone wild. National parks; Vol. 68, nos. 7/8 (July/Aug. 1992): p. 47-49.

458. Simon, D. J. Healing the sacred hoop : Lakota and the National Park Service work together to commemorate Wounded Knee. National parks; Vol. 67, nos. 9/10 (Sept./Oct. 1991): p. 24-29.

459. Stankey, G. H.; Clark, R. N. Social aspects of New Perspectives in forestry : a problem analysis. Milford, Pa.: Grey Towers Press; [1991?]: v, 31 p. (Pinchot Institute for Conservation monograph series)

460. Whaley, R. S. Working partnerships : elements for success. Journal of forestry; Vol. 91, no. 3 (Mar. 1991): p. 10-11.

160. ECOSYSTEMS

461. Adler, J.; Hager, M. How much is a species worth? National wildlife; Vol. 30, no. 3 (Apr./May 1992): p. 4-15.

462. Cohen, J. E.; Newman, C. M. Community area and food-chain length : theoretical predictions. The American naturalist; Vol. 138, no. 6 (Dec. 1991): p. 1542-1554.

464. Final listing approved for four species. Endangered species technical bulletin; Vol. 16, nos. 7/8 (July/Aug. 1991): p. 11.

465. Groves, C. Gap analysis : beyond endangered species. Idaho wildlife; Vol. 12, no. 1 (winter 1992): p. 26-27.

468. Lipske, M.; Hyman, R. Racing to save hot spots of life. National wildlife; Vol. 30, no. 3 (Apr./May 1992): p. 40-44, 46-49.

469. Listing proposals, June/July 1991. Endangered species technical bulletin; Vol. 16, nos. 7/8 (July/Aug. 1991): p. 7-9.

470. Lloyd, E. C.; Rundle, S. D.; Ormerod, S. J. Management of conifer plantations for the conservation of stream macroinvertebrates. Biological conservation; Vol. 63, no. 2 (1993): p. 171-176.

471. Morrisette, P. M. Congress on Renewable Natural Resources : critical issues and concepts for the twenty-first century : special report. Renewable resources journal; Vol. 10, no. 3, Special report (autumn 1992): p. 3-11.

472. Pagel, M. D.; Harvey, P. H.; Godfray, H. C. J. Species-abundance, biomass, and resource-use distributions. The American naturalist; Vol. 138, no. 4 (Oct. 1991): p. 836-850.

476. Ready, R. C.; Bishop, R. C. Endangered species and the safe minimum standard. American journal of agricultural economics; Vol. 73, no. 2 (May 1991): p. [309]-312.

478. Science 2000--a strategic plan. [Albany, Calif.?]: U.S. Dept. of Agriculture, Forest Service, Pacific Southwest Research Station; 1992: 28 p.

480. Thompson, I. D.; Welsh, D. A. Integrated resource management in boreal forest ecosystems : impediments and solutions. Forestry chronicle; Vol. 69, no. 1 (Feb. 1991): p. 32-39.

170. WILDLIFE MANAGEMENT

483. Bartmann, R. M.; White, G. C.; Carpenter, L. H. Compensatory mortality in mule deer populations. Research review : terrestrial and aquatic widlife research of the Colorado Division of Wildlife; No. 1 (June 1991): p. 14-15.

486. Conservationists call for immediate moratorium on old-growth logging in Southwest to save goshawk. Forest watch; Vol. 11, no. 11 (June 1991): p. 4-5.

487. Fielder, P. C.; Keesee, B. G. Results of a mountain goat transplant along Lake Chelan, Washington. Northwest science; Vol. 62, no. 5 (1988): p. 218-222.

488. Glassy, J.; Lyon, L. J. MAYA : a PC based environment for analyzing wildlife habitat. [Application of geographic information systems to forestry, fisheries and wildlife, Center for Streamside Studies, University of Washington, Wenatchee, WA, May 18-21, 1989]. [Wenatchee, WA : Center for Streamside Studies, University of Washington, 1989?]: p. 1-15.

489. Harrison, J. Lessons from the spotted owl : broadening public involvement to build a regional salmon recovery plan. Northwest energy news; Vol. 10, no. 4 (Nov./Dec. 1991): p. 3-12.

490. Hitchcock, M.; Ager, A. Microcomputer software for calculating an elk habitat effectiveness index on Blue Mountain winter range. Portland, Or.: U.S. Dept.of Agriculture, Forest Service, Pacific Northwest Research Station; 1992: 11 p. (General technical report PNW; GTR-301).

491. Howe, S. Raptor redux. National parks; Vol. 68, nos. 7/8 (July/Aug. 1992): p. [28]-33.

492. Johnson, D. Where would they be without the law? National wildlife; Vol. 30, no. 3 (Apr./May 1992): p. 50-58.

493. Lindler, B. Animal rights group takes aim at hunters. High country news; Vol. 23, no. 24 (Dec. 30, 1992): p. 1, 10-12.

494. Melquist, W. Nongame wildlife : who pays? Idaho wildlife; Vol. 12, no. 1 (winter 1992): p. 24-25.

497. Species management plan 1991-1995 : nongame : birds, mammals, reptiles, amphibians. Idaho wildlife; Vol. 12, no. 1 (winter 1992): p. 15-22.

498. Turbak, G.; Seaver, J. The great state animal swap. National wildlife; Vol. 30, no. 6 (Oct./Nov. 1992): p. 42-45.

211. FOREST PRODUCTS--INDUSTRY

499. Easthouse, K. Coalition seeks to stop over-cutting. High country news; Vol. 24, no. 1 (Jan. 27, 1992): p. 16.

230. WOOD PROPERTIES

515. Johansson, K. Influence of initial spacing and tree class on the basic density of Picea abies. Scandinavian journal of forest research; Vol. 8, no. 1 (1993): p. [18]-27.

231. ANATOMY AND GROWTH FACTORS

518. Fournier, M.; Bordonne, P. A.; Guitard, D.; Okuyama, T. Growth stress patterns in tree stems : a model assuming evolution with the tree age of maturation strains. Wood science and technology; Vol. 24, no. 2 (1990): p. [131]-142.

241. FIRE ENDURANCE

528. Cohen, J. D.; Chase, R. A.; LeVan, S. L.; Tran, H. C. A Model for assessing potential structure ignitions in the wildland/urban interface. Proceedings of the 11th Conference on Fire and Forest Meteorology : April 16-19, 1991, Missoula, Montana. Bethesda, MD : Society of American Foresters, c1991: p. 50-57. (SAF publication : 91-04).

242. OTHER WOOD DAMAGE

Kalnins, M. A.; Feist, W. C. Increase in wettability of wood with weathering. Forest products journal; Vol. 43, no. 2 (Feb. 1993): p. 55-57.

300. OTHER TOPICS

611. Schmidt, K. F. Dioxin's other face : portrait of an "environmental hormone". Science news; Vol. 141, no. 2 (Jan. 11, 1992): p. 24-27.

COAL/HYDROCARBONS

G001 Exploration for enabled methane gains momentum in Uinta Basin
Olsen, Robert W.; Sommer, Steven N.
Utah Geological Survey, Salt Lake City, UT, United States
Oil and Gas Journal, vol. 91, no. 22, p. 73-76, 1991

G002 Sedimentary flow units in hydrocarbon reservoirs, some shortcomings and a case for high resolution permeability data
Hurst, A.
University of Aberdeen, Department of Geology and Petroleum Geology, Aberdeen, United Kingdom
In The geological modelling of hydrocarbon reservoirs and outcrop analogues
Edited by Flint, Stephen S. (editor), Bryant, Ian D. (editor)
University of Liverpool, Department of Earth Sciences, Liverpool, United Kingdom; Shell Todd Oil Services, New Zealand
Special Publication of the International Association of Sedimentologists, vol. 15, p. 191-204, 1991

EARTHQUAKES/EARTHQUAKE ENGINEERING

G003 Arizona develops new seismic acceleration contour maps
Euge, Kenneth M.
Geological Consultants, Phoenix, AZ, United States
Arizona Geology, vol. 21, no. 1, p. 9, 1991

G004 Earthquake history of the Owens Valley region
Simila, G. W.; Roquemore, G. R.
California State University at Northridge, Department of Geological Sciences, Northridge, CA, United States
In Geology and mineral wealth of the Owens Valley region, California
Edited by Gath, E. M. (editor); Gregory, Jennifer L. (editor), Sheehan, Jack R. (editor); Baldwin, E. Joan (editor), Hardy, J. Kirk (editor)
Naval Weapons Center, China Lake, CA, United States
Annual Field Trip Guidebook - South Coast Geological Society, p. 145-156, 1987.
Report no 15

G005 Earthquakes; history and seismic safety in Montana
Stickney, Michael C.; Musselman, Robert
Montana Bureau of Mines and Geology, Butte, MT, United States; Montana Disaster and Emergency Services, United States
Information Pamphlet - Montana Bureau of Mines and Geology, 1991, 18 p
Report no 2

G006 Fault rupture associated with the July 21, 1986 Chalfant Valley earthquake
Kahle, James E.; Bryant, William A.; Hart, Earl W.
California Department of Conservation, Division of Mines and Geology, Sacramento, CA, United States
In Geology and mineral wealth of the Owens Valley region, California
Edited by Gath, E. M. (editor), Gregory, Jennifer L. (editor), Sheehan, Jack R. (editor), Baldwin, E. Joan (editor), Hardy, J. Kirk (editor)
Annual Field Trip Guidebook - South Coast Geological Society, p. 131-137, 1987.
Report no 15

G007 Liquefaction sand boils in San Francisco during 1989 Loma Prieta earthquake
Bardet, J. P.; Kapuskar, M.
University of Southern California, Civil Engineering Department, Los Angeles, CA, United States
Journal of Geotechnical Engineering, vol. 119, no. 5, p. 561-562, 1991

G008 Near field investigations of the Landers earthquake sequence, April to July 1992
Sieh, Kerry E.; Jones, Lucile M.; Hauksson, Egill; Hudnut, Kenneth W.; Eberhart-Phillips, Donna; Heaton, Thomas H.; Hough, Susan E.; Hutton, L. Katherine; Kanamori, Hiroo; Lilje, Anne; Lindvall, Scott C.; McGill, Sally F.; Mori, James J.; Rubin, Charles M.; Spotila, James A.; Stock, Joann M.; Thio, Hong Kie; Treiman, Jerome A.; Wernicke, Brian P.; Zachariasen, Judith
California Institute of Technology, Seismological Laboratory, Pasadena, CA, United States; U. S. Geological Survey, United States, Lindvall Richter Benuska Associates, United States, California State University, United States, Central Washington State University, United States, California Division of Mines and Geology, United States
Science, vol. 260, no. 5105, p. 171-176, 1993

G009 Rapid scientific response to Landers quake
Mori, J.; Hudnut, K.; Jones, L.; Hauksson, E.; Hutton, K.
U. S. Geological Survey, Pasadena, CA, United States; California Institute of Technology, United States
Eos, Transactions, American Geophysical Union, vol. 73, no. 39, p. 417-418, 1992

G010 Tectonic overview of Owens Valley region
Sheehan, Jack R.
Consultant, Cypress, CA, United States
In Geology and mineral wealth of the Owens Valley region, California
Edited by Gath, E. M. (editor); Gregory, Jennifer L. (editor), Sheehan,

15

Jack R. (editor); Baldwin, E. Joan (editor); Hardy, J. Kirk (editor)
Annual Field Trip Guidebook. South Coast Geological Society, p. 138-144, 1987
Report no. 15

0011 The Owens Valley earthquake of 1872
Sheehan, Jack R.
Consultant, Cypress, CA, United States
In Geology and mineral wealth of the Owens Valley region, California
Edited by Gath, E. M. (editor); Gregory, Jennifer L. (editor); Sheehan, Jack R. (editor); Baldwin, E. Joan (editor); Hardy, J. Kirk (editor)
Annual Field Trip Guidebook. South Coast Geological Society, p. 157-159, 1987
Report no. 15

MINERALS/MINERALOGY

0012 Application of mineral deposit models in exploration, a case study of sediment hosted gold deposits, Great Basin, Western United States
Adams, Samuel S., Putnam, Borden R., III
Colorado School of Mines, Department of Geology and Geological Engineering, Golden, CO, United States
In Case histories and methods in mineral resources evaluation
Edited by Annels, Alwyn E. (editor)
University of Wales College of Cardiff, Department of Geology, Cardiff, United Kingdom
Geological Society Special Publications, vol. 63, p. 1-21, 1992

0013 Diverse mantle and crustal components in lavas of the NW corner del Rio volcanic field, Rio Grande Rift, New Mexico
Duncker, K. E.; Wolff, J. A.; Harmon, R. S.; Ikat, P. I.; Dickin, A. P.; Thompson, R. N.
University of Texas at Arlington, Department of Geology, Arlington, TX, United States; Southern Methodist University, United States; University of Durham, United Kingdom; McMaster University, Canada
Contributions to Mineralogy and Petrology, vol. 108, no. 1, p. 111-145, 1991

0014 Gold and arsenic in iron sulfides from sediment hosted disseminated gold deposits, implications for depositional processes
Arehart, Greg B.; Chryssoulis, Stephen L.; Foster, Stephen F.
University of Michigan, Department of Geological Sciences, Ann Arbor, MI, United States; University of Western Ontario, Canada
Economic Geology and the Bulletin of the Society of Economic Geologists, vol. 88, no. 1, p. 171-185, 1993

16

0015 Primary element dispersion patterns in a carbonate hosted, epithermal, high grade, Au-Ag telluride system, Mayflower Mine, Madison County, Montana, USA
Cocker, Mark D.
Georgia Geologic Survey, Atlanta, GA 30338, United States
In Geochemical exploration 1991
Edited by Dickson, Frank W. (editor); Hou, L. C. (editor)
University of Nevada, Mackay School of Mines, Department of Geological Sciences, Reno, NV, United States
15th international geochemical exploration symposium, IGES, Reno, NV, United States, April 29-May 1, 1991
Journal of Geochemical Exploration, vol. 41, no. 1-3, p. 177-190, 1991

0016 Supergene oxidation of bonanza Au-Ag veins at the Sleeper Deposit, Nevada, USA, implications for hydrogeochemical exploration in the Great Basin
Saunders, J. A.
Auburn University, Department of Geology, Auburn, AL 36849, United States
In Geochemical exploration 1991
Edited by Dickson, Frank W. (editor); Hou, L. C. (editor)
University of Nevada, Mackay School of Mines, Department of Geological Sciences, Reno, NV, United States
15th international geochemical exploration symposium, IGES, Reno, NV, United States, April 29-May 1, 1991
Journal of Geochemical Exploration, vol. 41, no. 1-3, p. 159-175, 1991

0017 The origin of Mount St. Helens andesites
Smith, Diane R.; Leeman, William P.
Trinity University, Geology Department, San Antonio, TX 78212, United States; Rice University, Keith-Wiess Geological Laboratories, Houston, TX 77251, United States
Journal of Volcanology and Geothermal Research, vol. 55, no. 1-4, p. 223-245, 1993

0018 Ivoryite, a new mineral from the U.S. Mine, Tooele County, Utah
Cesbron, Fabien P.; Williams, Sidney A.
Globe Re Phone Enterprises, Douglas, AZ, United States
Mineralogical Magazine, vol. 56, no. 382, p. 71-74, 1992

PETROLEUM/PETROLEUM ENGINEERING

0019 Bacon Flat well pays for Balcron
Lyle, Don
Western Oil World, Denver, CO, United States
Western Oil World, vol. 90, no. 1, p. 21-22, 1991

68370 Colorado plays tough host on slant hole completion
Anonymous
Western Oil World, vol 49, no 7, p 28-29, 1992

68371 San Juan Basin prospects look good for 1991
Anonymous
Western Oil World, vol 49, no 10, p 18, 20, 1992

STRUCTURAL GEOLOGY

68372 Heterogeneous Neogene strain and its bearing on horizontal extension and horizontal and vertical contraction at the margin of the extensional orogen, Ruby Mountains area, Nevada and Utah
Anderson, R Ernest, Barnhard, Theodore P
U S Geological Survey, United States
U S Geological Survey Bulletin B-2011, 41 p , 5 sheets
1991

68373 Role of seismogenic processes in fault rock development, an example from Death Valley, California
Parlis, Terry L , Serpa, Laura F , Keenan, Charles
University of New Orleans, Department of Geology and Geophysics, New Orleans, LA, United States
Geology (Boulder), vol 21, no 1, p 267-270, 1991

BLM Library
RECENT ADDITIONS
Book List

Recent Additions Book List is a monthly listing of book titles that have recently been added to the BLM Library collection and are available for loan via the ***Monthly Alert*** order form. Each list is arranged by various subject headings in alphabetical order and shows author, title and date. Each title will be assigned a specific "R" number for ordering purposes. This "R" number is the order number that should be entered onto the ***Monthly Alert*** request form. Note that a title may be listed more than once due to the various subject headings assigned to it.

SAMPLE CITATION

Subject Heading **Title of Book**

R1. ACID DEPOSITION—CANADA
Pawlick, Thomas. A killing rain: The global threat of acid precipitation.
San Francisco: Sierra Club Books, c1984.
TD196.A25P38 1984

Order Number

TO REQUEST MATERIALS: Write the order number (ex. R1) on the regular blue request form. No other information is necessary. It is important to include the letter "R" along with the assigned number so that it can be distinguished from the numbered items in the regular Monthly Alert.

LOAN PERIOD: Reserve lists will be created for each title requested and the books will be loaned to those on the lists for a period of two weeks. If you need any item on a rush basis, please call the BLM Library on FTS 776-6648 or 303/236-6648 to make special arrangements.

ORDERING INFORMATION: Contact us for ordering information if you would like to purchase any of the books listed.

ACQUISITION OF PROPERTY--U. S.
Setting priorities for land conservation. Washington, D.C. : National
R1 Academy Press, c1993.
S954.U6 S487 1993

ADMINISTRATIVE AGENCIES--U. S.--MANAGEMENT.
U. S. General Accounting Office. Quality management : survey of federal
R2 organizations : briefing report to the Honorable Donald Ritter, House of Representatives. Washington, D.C. : The Office, [1992]
HD58.9 .G469 1992

ANIMAL POPULATIONS--COLORADO.
Deer and elk management analysis guide, 1992-94. [Denver, Colo.] : Dept.
R3 of Natural Resources, Wildlife Commission, Division of Wildlife, [1993]
SK375 .D447 1993

ARIZONA--PUBLIC LANDS--HISTORY--SOURCES--CATALOGS.
Preliminary inventory of the records of the Bureau of Land Management (Record
R4 Group 49). Los Angeles, Calif. : General Services Administration, National Archives and Records Service, Region 9, 1966.
HD196.A6 P734 1966

ARTIFICIAL SATELLITES IN AGRICULTURE.
Prevedel, David A. The Use of digital satellite data to monitor rangelands.
R5 Ogden, Utah : United States Department of Agriculture, Forest Service, Intermountain Region, 1992.
SF85.3 .P738 1992

BIOLOGICAL DIVERSITY CONSERVATION.
R6 Landscape linkages and biodiversity. Washington, D.C. : Island Press, 1991.
QH75 .L283 1991

CALIFORNIA DESERT NATIONAL CONSERVATION AREA (CALIF.).
U. S. Bureau of Land Management. California Desert District. 1989/1990
California Desert Conservation Area plan amendment : decision record.
R7 Riverside, Calif. : Department of Interior, Bureau of Land Management, California Desert District, 1993.
QH76.5.C2 C344 1989/1990 suppl.

CALIFORNIA--PUBLIC LANDS--HISTORY--SOURCES--CATALOGS.
Preliminary inventory of the records of the Bureau of Land Management :
R8 northern California and Nevada (Record Group 49) : draft. San Francisco, Calif. : Regional Archives Branch, San Francisco Federal Reods Center, National Archives and Records Service, General Services Administration, Region 9, 1970.
HD196.C2 P734 1970

Preliminary inventory of the records of the Bureau of Land Management (Record
R4 Group 49). Los Angeles, Calif. : General Services Administration, National Archives and Records Service, Region 9, 1966.
HD196.A6 P734 1966

CARBON DIOXIDE--ENVIRONMENTAL ASPECTS.
Kulp, J. L. The phytosystem as a sink for carbon dioxide. Palo Alto,
R9 Calif. : Electric Power Research Institute, [1990]
TD885.5.C3 K846 1990

CHIEF EXECUTIVE OFFICERS--U. S.--RETIREMENT.
Paths to leadership : executive succession planning in the federal government :
R10 a report. Washington, DC : National Academy of Public Administration,

JK723.E9 P373 1992

CHIEF EXECUTIVE OFFICERS--U. S.--SUCCESSION.
Paths to leadership : executive succession planning in the federal government :
R10 a report. Washington, DC : National Academy of Public Administration,

JK723.E9 P373 1992

COMPUTER SOFTWARE--STANDARDS.
National Institute of Standards and Technology (U.S.). Interpretation procedures for federal information processing standards for software.
R11 Gaithersburg, MD : Computer Systems Laboratory, National Institute of Standards and Technology ; Springfield, VA : For sale by the National Technical Information Service, [1992]
QA76.9.D345 F33 no.29-3

CONSERVATION OF NATURAL RESOURCES--U. S.
Setting priorities for land conservation. Washington, D.C. : National
R1 Academy Press, c1993.
S954.U6 S487 1993

CONSERVATION OF NATURAL RESOURCES--U. S.--PUBLIC OPINION.
Lindeborg, Richard. Caring for the land and getting along with people :
R12 potential influences of people, opinion, and human nature on public land management. [Washington, D.C.?] : U. S Dept. of Agriculture, Forest Service, Public Affairs Office, [1992]
HC79.E5 L563 1992

DEER--CONTROL--COLORADO.
Deer and elk management analysis guide, 1992-94. [Denver, Colo.] : Dept.
R3 of Natural Resources, Wildlife Commission, Division of Wildlife, [1993]
SK375 .D447 1993

DESERT ECOLOGY--CALIFORNIA.
U. S. Bureau of Land Management. California Desert District. 1989/1990
California Desert Conservation Area plan amendment : decision record.
R7 Riverside, Calif. : Department of Interior, Bureau of Land Management, California Desert District, 1993.
QH76.5.C2 C344 1989/1990 suppl.

DESERT TORTOISE.
Esque, Todd C. Nutrition and foraging ecology of the desert tortoise : FY
R13 1990 annual report. Fort Collins, Colo. : U.S. Fish and Wildlife Service, National Ecology Research Center, 1991.
QL666.C584 E863 1991

Esque, Todd C. Nutrition and foraging ecology of the desert tortoise : FY
R14 1989 annual report. Fort Collins, Colo. : U.S. Fish and Wildlife Service, National Ecology Research Center, 1990.
QL666.C584 E863 1990

DESERTS--CALIFORNIA.
U. S. Bureau of Land Management. California Desert District. 1989/1990
R7 California Desert Conservation Area plan amendment : decision record. Riverside, Calif. : Department of Interior, Bureau of Land Management, California Desert District, 1993.
QH76.5.C2 C344 1989/1990 suppl.

ECOLOGY--CALIFORNIA--HUMBOLT BAY.
Barnhart, Roger A. The ecology of Humboldt Bay, California : an estuarine
K15 profile. Washington, D.C. : U.S. Dept. of the Interior, Fish and Wildlife Service, [1992]
QH541.5.E8 B376 1992

ELECTRIC POWER TRANSMISSION--ENVIRONMENTAL ASPECTS--IDAHO.
Southwest Intertie Project : final environmental impact statement and
K16 proposed plan amendment. [Burley, Idaho : Bureau of Land Management, Burley District Office], 1993.
TD195.E37 S68 1993

ELK--CONTROL--COLORADO.
Deer and elk management analysis guide, 1992-94. [Denver, Colo.] : Dept.
K3 of Natural Resources, Wildlife Commission, Division of Wildlife, [1993]
SK375 .D447 1993

ENVIRONMENTAL MONITORING--WEST (U.S.)--REMOTE SENSING.
Prevedel, David A. The Use of digital satellite data to monitor rangelands.
K5 Ogden, Utah : United States Department of Agriculture, Forest Service, Intermountain Region, 1992.
SF85.3 .P738 1992

ENVIRONMENTAL POLICY--U. S.--PUBLIC OPINION.
Lindeborg, Richard. Caring for the land and getting along with people :
K12 potential influences of people, opinion, and human nature on public land management. [Washington, D.C.?] : U. S Dept. of Agriculture, Forest Service, Public Affairs Office, [1992]
HC79.E5 L563 1992

ENVIRONMENTAL PROTECTION--U. S.--PUBLIC OPINION.
Lindeborg, Richard. Caring for the land and getting along with people :
K12 potential influences of people, opinion, and human nature on public land management. [Washington, D.C.?] : U. S Dept. of Agriculture, Forest Service, Public Affairs Office, [1992]
HC79.E5 L563 1992

ESTUARINE ECOLOGY--CALIFORNIA--HUMBOLT BAY.
Barnhart, Roger A. The ecology of Humboldt Bay, California : an estuarine
K15 profile. Washington, D.C. : U.S. Dept. of the Interior, Fish and Wildlife Service, [1992]
QH541.5.E8 B376 1992

ESTUARINE FAUNA--U. S.--EFFECT OF WATER POLLUTION ON.
Long, Edward R. The potential for biological effects of sediment-sorbed
K17 contaminants tested in the National Status and Trends Program. Seattle, Wash. : U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, National Ocean Service, [1990]
QC380.15 .L663 1990

ESTUARINE SEDIMENTS--U. S.
Long, Edward R. The potential for biological effects of sediment-sorbed
K17 contaminants tested in the National Status and Trends Program. Seattle, Wash. : U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, National Ocean Service, [1990]
QC380.15 .L663 1990

20

FOREST RESERVES--U. S.--STATISTICS.
Grazing statistical summary ; fiscal year 1991 based on calendar year 1990
K18 data). [Washington, D.C.?] : Range Management, [1983?-
SD427.G8 G6798 1991

FORESTS AND FORESTRY--STATISTICS.
The American forest : facts and figures 1991. Washington, D.C. : American
K19 Forest Council, 1992.
SD143 .A436 1992

FORESTS AND FORESTRY--U. S.--STATISTICS.
The American forest : facts and figures 1991. Washington, D.C. : American
K19 Forest Council, 1992.
SD143 .A436 1992

GAME BIRD MANAGEMENT--U. S.
Management guidelines for Merriam's wild turkeys. [Denver, Colo.] :
Colorado Division of Wildlife ; [Fort Collins, Colo.] : in cooperation with
K20 USDA Forest Service, Rocky Mountain Forest and Range Experiment Station : [available] from Colorado Division of Wildlife, Research Center Library, [1993]
SK375 .M477 1993

GOVERNMENT EXECUTIVES--U. S.
Paths to leadership : executive succession planning in the federal government :
K10 a report. Washington, DC : National Academy of Public Administration, [1992]
JF723.E9 P373 1992

GOVERNMENT EXECUTIVES--U. S.--CASE STUDIES.
Linden, Russell Matthew. From vision to reality : strategies of successful
K21 innovators in government. Charlottesville, VA : LEL Enterprises, c1990.
JF1525.O73 L563 1990

GOVERNMENT PRODUCTIVITY--U. S.
IRS/NTEU Joint Quality Council. Orientation for managers and NTEU officers
K22 and stewards : instructor's guide. [Washington, D.C.] : Dept. of the Treasury, Internal Revenue Service, [1988]
HD62.15 .I776 1988

GRAZING--ENVIRONMENTAL ASPECTS--UTAH--GREATER SAGERS WASH WATERSHED.
Greater Sagers Wash Watershed management plan. Moab, Utah : Bureau of Land
K23 Management, Moab District, 1991.
S627.R47 M622 1993

GRAZING--U. S.--STATISTICS.
Grazing statistical summary ; fiscal year 1991 based on calendar year 1990
K18 data). [Washington, D.C.?] : Range Management, [1983?-
SD427.G8 G6798 1991

GREATER SAGERS WASH WATERSHED (UTAH).
Greater Sagers Wash Watershed management plan. Moab, Utah : Bureau of Land
K23 Management, Moab District, 1991.
S627.R47 M622 1993

GREENHOUSE EFFECT, ATMOSPHERIC.
Kulp, J. L. The phytosystem as a sink for carbon dioxide. Palo Alto,
K9 Calif. : Electric Power Research Institute, [1990]
TD885.5.C3 K846 1990

HABITAT CONSERVATION.
R6 Landscape linkages and biodiversity. Washington, D.C. : Island Press, 1991.
QH75 .L361 1991

HABITAT (ECOLOGY)--UTAH.
Esque, Todd C. Nutrition and foraging ecology of the desert tortoise : FY
R13 1990 annual report. Fort Collins, Colo. : U.S. Fish and Wildlife Service, National Ecology Research Center, 1991.
QL666.C584 E863 1991

Esque, Todd C. Nutrition and foraging ecology of the desert tortoise : FY
R14 1989 annual report. Fort Collins, Colo. : U.S. Fish and Wildlife Service, National Ecology Research Center, 1990.
QL666.C584 E863 1990

HYDROELECTRIC POWER PLANTS--GOVERNMENT POLICY--WEST (U.S.)--HISTORY--19TH CENTURY.
Pisani, Donald J. To reclaim a divided West : water, law, and public
R24 policy, 1848-1902. 1st ed. Albuquerque : University of New Mexico Press, c1992.
HD1695.A17 P572 1992

IDAHO--PUBLIC LANDS.
Southwest Intertie Project : final environmental impact statement and
R16 proposed plan amendment. [Burley, Idaho : Bureau of Land Management, Burley District Office], 1991.
TD195.E37 S68 1991

IRRIGATION--GOVERNMENT POLICY--WEST (U.S.)--HISTORY--19TH CENTURY.
Pisani, Donald J. To reclaim a divided West : water, law, and public
R24 policy, 1848-1902. 1st ed. Albuquerque : University of New Mexico Press, c1992.
HD1695.A17 P572 1992

LAND USE--ARIZONA--HISTORY--SOURCES--CATALOGS.
Preliminary inventory of the records of the Bureau of Land Management (Record
R4 Group 49). Los Angeles, Calif. : General Services Administration, National Archives and Records Service, Region 9, 1966.
HD196.A6 P734 1966

LAND USE--CALIFORNIA--HISTORY--SOURCES--CATALOGS.
Preliminary inventory of the records of the Bureau of Land Management :
R8 northern California and Nevada (Record Group 49) : draft. San Francisco, Calif. : Regional Archives Branch, San Francisco Federal Records Center, National Archives and Records Service, General Services Administration, Region 9, 1970.
HD196.C2 P734 1970

Preliminary inventory of the records of the Bureau of Land Management (Record
R4 Group 49). Los Angeles, Calif. : General Services Administration, National Archives and Records Service, Region 9, 1966.
HD196.A6 P734 1966

LAND USE--CALIFORNIA--PLANNING.
U. S. Bureau of Land Management. California Desert District. 1989/1990
California Desert Conservation Area plan amendment : decision record.
R7 Riverside, Calif. : Department of Interior, Bureau of Land Management, California Desert District, 1991.
QH76.5.C2 C344 1989/1990 suppl.

LAND USE--MONTANA--PLANNING.
Judith-Valley-Phillips resource management plan and environmental impact
R25 statement : final. Billings, Mt. : The Office, [1992]
QH76.5.M9 J824 1992

U. S. Bureau of Land Management. Valley Resource Area. Valley Resource Area
R26 program update : keeping the public informed. [Glasgow, MT : Bureau of Land Management, Valley Resource Area], 1993.
QH76.5.M9 V344 1993

LAND USE--NEVADA--HISTORY--SOURCES--CATALOGS.
Preliminary inventory of the records of the Bureau of Land Management :
R8 northern California and Nevada (Record Group 49) : draft. San Francisco, Calif. : Regional Archives Branch, San Francisco Federal Records Center, National Archives and Records Service, General Services Administration, Region 9, 1970.
HD196.C2 P734 1970

LAND USE--NEVADA--PLANNING.
U. S. Bureau of Land Management. Battle Mountain District. Tonopah
R27 resource management plan and environmental impact statement : draft. [Battle Mountain, Nev.] : Bureau of Land Management, Battle Mountain District, 1991.
QH76.5.N1 T666 1991

LAND USE--NEW MEXICO--PLANNING.
U. S. Bureau of Land Management. Mimbres Resource Area. Mimbres resource
R28 management plan : record of decision. [Las Cruces, N.M.] : Bureau of Land Management, Las Cruces District, 1991.
HD243.N6 M553 1991

LAND USE--U. S.--PLANNING.
Watershed Rehabilitation I (1990 : Colorado State University). Watershed
R29 rehabilitation shortcourse, November 5-9, 1990. [Fort Collins, Colo.] : Colorado State University, [1990?]
TC409 .L36 1990

LAND USE--WASHINGTON (STATE)--KITTITAS COUNTY--PLANNING.
U. S. Bureau of Land Management. Spokane District. Draft resource
management plan amendment environmental assessment for Department of the
R30 Army, Corps of Engineer's application for land withdrawal, Yakima Firing Center. Spokane, Wash. : Bureau of Land Management, Spokane District Office, 1991.
QH76.5.W2 Y344 1991

U. S. Bureau of Land Management. Spokane District. Final resource management
plan amendment environmental assessment for Department of the Army, Corps of
R31 Engineer's application for land withdrawal -- Yakima Firing Center. [Spokane, Wash. : Bureau of Land Management, Spokane District Office], 1991.
QH76.5.W2 Y344 1991b

LEADERSHIP.
Paths to leadership : executive succession planning in the federal government :
R10 a report. Washington, DC : National Academy of Public Administration,

JK723.E9 P373 1992

MARINE FAUNA--U. S.--EFFECT OF WATER POLLUTION ON.
Long, Edward R. The potential for biological effects of sediment-sorbed
R17 contaminants tested in the National Status and Trends Program. Seattle,
Wash. : U.S. Dept. of Commerce, National Oceanic and Atmospheric
Administration, National Ocean Service, [1990]
GC380.15 .L663 1990

MARINE SEDIMENTS--U. S.
Long, Edward R. The potential for biological effects of sediment-sorbed
R17 contaminants tested in the National Status and Trends Program. Seattle,
Wash. : U.S. Dept. of Commerce, National Oceanic and Atmospheric
Administration, National Ocean Service, [1990]
GC380.15 .L663 1990

MINES AND MINERAL RESOURCES--STUDY AND TEACHING--U. S.
Hargrove, Stephanie L. Mining law course development : Management and
R32 Leadership Workshop project. [Boise, Idaho : Bureau of Land Management,
Idaho State Office, 1988?]
HD242 .H5647 1988

MINES AND MINERAL RESOURCES--U. S.
Hargrove, Stephanie L. Mining law adjudication : June 15-16, 1988 : 3000-2,
R33 Basic minerals adjudication. [Phoenix, Ariz.] : Bureau of Land Management,
Phoenix Training Center, [1988?]
HD242 .H5646 1988

Processing mineral patent applications. [Phoenix, Ariz.] : Bureau of Land
R34 Management, Phoenix Training Center, [1988?]
HD242 .P762 1988

MINING CLAIMS--STUDY AND TEACHING--U. S.
Hargrove, Stephanie L. Mining law course development : Management and
R32 Leadership Workshop project. [Boise, Idaho : Bureau of Land Management,
Idaho State Office, 1988?]
HD242 .H5647 1988

MINING CLAIMS--U. S.
Hargrove, Stephanie L. Mining law adjudication : June 15-16, 1988 : 3000-2,
R33 Basic minerals adjudication. [Phoenix, Ariz.] : Bureau of Land Management,
Phoenix Training Center, [1988?]
HD242 .H5646 1988

Processing mineral patent applications. [Phoenix, Ariz.] : Bureau of Land
R34 Management, Phoenix Training Center, [1988?]
HD242 .P762 1988

MINING LAW--STUDY AND TEACHING--U. S.
Hargrove, Stephanie L. Mining law course development : Management and
R32 Leadership Workshop project. [Boise, Idaho : Bureau of Land Management,
Idaho State Office, 1988?]
HD242 .H5647 1988

MINING LAW--U. S.
Hargrove, Stephanie L. Mining law adjudication : June 15-16, 1988 : 3000-2,
R33 Basic minerals adjudication. [Phoenix, Ariz.] : Bureau of Land Management,
Phoenix Training Center, [1988?]
HD242 .H5646 1988

Processing mineral patent applications. [Phoenix, Ariz.] : Bureau of Land
R34 Management, Phoenix Training Center, [1988?]
HD242 .P762 1988

MONTANA--PUBLIC LANDS.
Judith-Valley-Phillips resource management plan and environmental impact
R25 statement : final. Billings, Mt. : The Office, [1992]
QH76.5.M9 J824 1992

U. S. Bureau of Land Management. Valley Resource Area. Valley Resource Area
program update : keeping the public informed. [Glasgow, MT : Bureau of Land
R26 Management, Valley Resource Area], 1993.
QH76.5.M9 V344 1993

NATURAL RESOURCES--MONTANA--MANAGEMENT.
Judith-Valley-Phillips resource management plan and environmental impact
R25 statement : final. Billings, Mt. : The Office, [1992]
QH76.5.M9 J824 1992

NATURAL RESOURCES--MONTANA--PLANNING.
U. S. Bureau of Land Management. Valley Resource Area. Valley Resource
R26 Area program update : keeping the public informed. [Glasgow, MT : Bureau
of Land Management, Valley Resource Area], 1993.
QH76.5.M9 V344 1993

NATURAL RESOURCES--NEVADA--MANAGEMENT.
U. S. Bureau of Land Management. Battle Mountain District. Tonopah
R27 resource management plan and environmental impact statement : draft.
[Battle Mountain, Nev.] : Bureau of Land Management, Battle Mountain
District, 1993.
QH76.5.N3 T666 1993

NEVADA--PUBLIC LANDS.
Southwest Intertie Project : final environmental impact statement and
R16 proposed plan amendment. [Burley, Idaho : Bureau of Land Management,
Burley District Office], 1993.
TD195.E37 S68 1993

U. S. Bureau of Land Management. Battle Mountain District. Tonopah resource
R27 management plan and environmental impact statement : draft. [Battle
Mountain, Nev.] : Bureau of Land Management, Battle Mountain District, 1993.
QH76.5.N3 T666 1993

NEVADA--PUBLIC LANDS--HISTORY--SOURCES--CATALOGS.
Preliminary inventory of the records of the Bureau of Land Management :
northern California and Nevada (Record Group 49) : draft. San Francisco,
R8 Calif. : Regional Archives Branch, San Francisco Federal Records Center,
National Archives and Records Service, General Services Administration,
Region 9, 19..
HD196.C2 P734 1970

NEW MEXICO--PUBLIC LANDS.
U. S. Bureau of Land Management. Rimrock Resource Area. Rimrock resource
R28 management plan : record of decision. [Las Cruces, N.M.] : Bureau of Land
Management, Las Cruces District, 1993.
HD241.N6 R553 1993

OREGON--PUBLIC LANDS.
U. S. Bureau of Land Management. Burns District. Andrews plan amendment for recreation access surrounding the Steens Mountain Loop Road : R35 environmental assessment to the proposed plan amendment for the Andrews management framework plan. Hines, Or. : U.S. Bureau of Land Management, Burns District Office, 1993.
GV191.42.O8 A527 1993

ORGANIZATIONAL CHANGE.
Linden, Russell Matthew. From vision to reality : strategies of successful R21 innovators in government. Charlottesville, VA : LEL Enterprises, c1990.
JF1525.O73 L563 1990

U. S. Bureau of Land Management. BLM : reengineering for quality : round 1. R36 [Washington, D.C.] : U.S. Department of the Interior, Bureau of Land Management, [1993]
HD58.9 .B457 1993

ORGANIZATIONAL EFFECTIVENESS.
U. S. Bureau of Land Management. BLM : reengineering for quality : round 1. R36 [Washington, D.C.] : U.S. Department of the Interior, Bureau of Land Management, [1993]
HD58.9 .B457 1993

PROGRAMMING LANGUAGES (ELECTRONIC COMPUTERS)--STANDARDS.
National Institute of Standards and Technology (U.S.). Interpretation procedures for federal information processing standards for software. R11 Gaithersburg, MD : Computer Systems Laboratory, National Institute of Standards and Technology ; Springfield, VA : For sale by the National Technical Information Service, [1992]
QA76.9.D345 F33 no.29-3

PUBLIC ADMINISTRATION.
Linden, Russell Matthew. From vision to reality : strategies of successful R21 innovators in government. Charlottesville, VA : LEL Enterprises, c1990.
JF1525.O73 L563 1990

PUBLIC LANDS--U. S.
Setting priorities for land conservation. Washington, D.C. : National R1 Academy Press, c1993.
S954.U6 S487 1993

PUBLIC RELATIONS--U. S.--CONSERVATION OF NATURAL RESOURCES.
Lindeborg, Richard. Caring for the land and getting along with people : potential influences of people, opinion, and human nature on public land R12 management. [Washington, D.C.?] : U. S Dept. of Agriculture, Forest Service, Public Affairs Office, [1992]
HC79.E5 L563 1992

QUALITY ASSURANCE.
U. S. Bureau of Land Management. BLM : reengineering for quality : round 1. R36 [Washington, D.C.] : U.S. Department of the Interior, Bureau of Land Management, [1993]
HD58.9 .B457 1993

QUALITY ASSURANCE--U. S.
IRS/NTEU Joint Quality Council. Orientation for managers and NTEU officers R22 and stewards : instructor's guide. [Washington, D.C.] : Dept. of the Treasury, Internal Revenue Service, [1988]
HD62.15 .I776 1988

QUALITY CONTROL.
U. S. General Accounting Office. Quality management : survey of federal R2 organizations : briefing report to the Honorable Donald Ritter, House of Representatives. Washington, D.C. : The Office, [1992]
HD58.9 .G48 1992

RANGE MANAGEMENT--ENVIRONMENTAL ASPECTS--CALIFORNIA.
U. S. Bureau of Land Management. California Desert District. 1989/1990 California Desert Conservation Area plan amendment : decision record. R7 Riverside, Calif. : Department of Interior, Bureau of Land Management, California Desert District, 1993.
QH76.5.C2 C344 1989/1990 suppl.

RANGE MANAGEMENT--WEST (U.S.)--REMOTE SENSING.
Prevedel, David A. The Use of digital satellite data to monitor rangelands. R5 Ogden, Utah : United States Department of Agriculture, Forest Service, Intermountain Region, 1992.
SF85.3 .P738 1992

RANGELANDS--REVEGETATION--UTAH--GREATER SAGERS WASH WATERSHED.
R21 Greater Sagers Wash Watershed management plan. Moab, Utah : Bureau of Land Management, Moab District, 1993.
S627.R47 M622 1993

RECLAMATION OF LAND--U. S.
Watershed Rehabilitation I (1990 : Colorado State University). Watershed R29 rehabilitation shortcourse, November 5-9, 1990. [Fort Collins, Colo.] : Colorado State University, [1990?]
TC409 .L36 1990

RECREATION AREAS--OREGON--PLANNING.
U. S. Bureau of Land Management. Burns District. Andrews plan amendment for recreation access surrounding the Steens Mountain Loop Road : R35 environmental assessment to the proposed plan amendment for the Andrews management framework plan. Hines, Or. : U.S. Bureau of Land Management, Burns District Office, 1993.
GV191.42.O8 A527 1993

REFORESTATION--ENVIRONMENTAL ASPECTS.
Fulp, J. L. The phytosystem as a sink for carbon dioxide. Palo Alto, R9 Calif. : Electric Power Research Institute, [1990]
TD885.5.C3 F846 1990

REMOTE SENSING--WEST (U.S.).
Prevedel, David A. The Use of digital satellite data to monitor rangelands. R5 Ogden, Utah : United States Department of Agriculture, Forest Service, Intermountain Region, 1992.
SF85.3 .P738 1992

REVEGETATION--UTAH--GREATER SAGERS WASH WATERSHED.
Greater Sagers Wash Watershed management plan. Moab, Utah : Bureau of Land R21 Management, Moab District, 1993.
S627.R47 M622 1993

RIFLE RANGES--ENVIRONMENTAL ASPECTS--WASHINGTON (STATE)--KITTITAS COUNTY.
U. S. Bureau of Land Management. Spokane District. Draft resource management plan amendment environmental assessment for Department of the R10 Army, Corps of Engineer's application for land withdrawal, Yakima Firing Center, Spokane, Wash. : Bureau of Land Management, Spokane District Office, 1991.
QH76.5.W2 Y344 1991

U. S. Bureau of Land Management. Spokane District. Final resource management
R11 plan amendment environmental assessment for Department of the Army, Corps of Engineer's application for land withdrawal -- Yakima Firing Center. [Spokane, Wash. : Bureau of Land Management, Spokane District Office], 1991.
QH76.5.W2 T344 1993b

ROADS--MAINTENANCE AND REPAIR--OREGON.
U. S. Bureau of Land Management. Burns District. Andrews plan amendment
R35 for recreation access surrounding the Steens Mountain Loop Road : environmental assessment to the proposed plan amendment for the Andrews management framework plan. Hines, Or. : U.S. Bureau of Land Management, Burns District Office, 1993.
GV191.42.O8 A527 1993

SOIL STABILIZATION--UTAH--GREATER SAGERS WASH WATERSHED.
Greater Sagers Wash Watershed management plan. Moab, Utah : Bureau of Land
R23 Management, Moab District, 1993.
S627.R47 M622 1993

STEENS MOUNTAIN (OR.).
U. S. Bureau of Land Management. Burns District. Andrews plan amendment
R35 for recreation access surrounding the Steens Mountain Loop Road : environmental assessment to the proposed plan amendment for the Andrews management framework plan. Hines, Or. : U.S. Bureau of Land Management, Burns District Office, 1993.
GV191.42.O8 A527 1993

TOTAL QUALITY MANAGEMENT.
U. S. General Accounting Office. Quality management : survey of federal
R2 organizations : briefing report to the Honorable Donald Ritter, House of Representatives. Washington, D.C. : The Office, [1992]
HD58.9 .G469 1992

TOTAL QUALITY MANAGEMENT--U. S.
IRS/NTEU Joint Quality Council. Orientation for managers and NTEU officers
R22 and stewards : instructor's guide. [Washington, D.C.] : Dept. of the Treasury, Internal Revenue Service, [1988]
HD62.15 .I776 1988

TRANSPORTATION--U. S.--MAPS--BIBLIOGRAPHY--CATALOGS.
McLaughlin, Patrick D. Transportation in nineteenth-century America : a
R37 survey of cartographic records in the National Archives of the United States. Washington : National Archives and Records Service, 1973.
MD203 .M332 1973

TURTLES--NUTRITION.
Esque, Todd C. Nutrition and foraging ecology of the desert tortoise : FY
R13 1990 annual report. Fort Collins, Colo. : U.S. Fish and Wildlife Service, National Ecology Research Center, 1991.
QL666.C584 E863 199

Esque, Todd C. Nutrition and foraging ecology of the desert tortoise : FY
1989 annual report. Fort Collins, Colo. : U.S. Fish and Wildlife Service,
R14 National Ecology Research Center, 1990.
QL666.C584 E863 1990

U. S. ARMY. CORPS OF ENGINEERS.
U. S. Bureau of Land Management. Spokane District. Draft resource management plan amendment environmental assessment for Department of the
R10 Army, Corps of Engineer's application for land withdrawal, Yakima Firing Center. Spokane, Wash. : Bureau of Land Management, Spokane District Office, 1991.
QH76.5.W2 T344 1991

U. S. Bureau of Land Management. Spokane District. Final resource management plan amendment environmental assessment for Department of the Army, Corps of
R11 Engineer's application for land withdrawal -- Yakima Firing Center. [Spokane, Wash. : Bureau of Land Management, Spokane District Office], 1991.
QH76.5.W2 T344 1991b

U. S. BUREAU OF LAND MANAGEMENT.--ARCHIVES--CATALOGS.
Preliminary inventory of the records of the Bureau of Land Management :
R8 northern California and Nevada (Record Group 49) : draft. San Francisco, Calif. : Regional Archives Branch, San Francisco Federal Records Center, National Archives and Records Service, General Services Administration, Region 9, 1970.
HD196.C2 P734 1970

Preliminary inventory of the records of the Bureau of Land Management (Record
R6 Group 49). Los Angeles, Calif. : General Services Administration, National Archives and Records Service, Region 9, 1968.
HD196.A6 P734 1968

U. S. BUREAU OF LAND MANAGEMENT. CALIFORNIA DESERT DISTRICT.
U. S. Bureau of Land Management. California Desert District. 1989/1990
California Desert Conservation Area plan amendment : decision record.
R7 Riverside, Calif. : Department of Interior, Bureau of Land Management, California Desert District, 1993.
QH76.5.C2 C344 1989/1990 suppl.

U. S. BUREAU OF LAND MANAGEMENT--EVALUATION.
U. S. Bureau of Land Management. BLM : reengineering for quality : round 1.
R16 [Washington, D.C.] : U.S. Department of the Interior, Bureau of Land Management, [1993]
HD58.9 .B457 1993

U. S. BUREAU OF LAND MANAGEMENT. JUDITH RESOURCE AREA.
Judith-Valley-Phillips resource management plan and environmental report
R25 statement : final. Billings, Mt. : The Office, [1992]
QH76.5.M9 J824 1992

U. S. BUREAU OF LAND MANAGEMENT. KIMBERS RESOURCE AREA.
U. S. Bureau of Land Management. Kimbers Resource Area. Kimbers resource
R28 management plan : record of decision. [Las Cruces, N.M.] : Bureau of Land Management, Las Cruces District, 1993.
HD243.N6 K553 1993

U. S. BUREAU OF LAND MANAGEMENT. PHILLIPS RESOURCE AREA.
Judith-Valley-Phillips resource management plan and environmental report
R25 statement : final. Billings, Mt. : The Office, [1992]
QH76.5.M9 J824 1992

U. S. BUREAU OF LAND MANAGEMENT--QUALITY CONTROL.
U. S. Bureau of Land Management. BLM : reengineering for quality : round 1.
R36 [Washington, D.C.] : U.S. Department of the Interior, Bureau of Land Management, [1993]
HD58.9 .B457 1993

U. S. BUREAU OF LAND MANAGEMENT. TONOPAH RESOURCE AREA.
U. S. Bureau of Land Management. Battle Mountain District. Tonopah resource management plan and environmental impact statement : draft.
R27 [Battle Mountain, Nev.] : Bureau of Land Management, Battle Mountain District, 1993.
QH76.5.N3 T666 1993

U. S. BUREAU OF LAND MANAGEMENT. VALLEY RESOURCE AREA.
Judith-Valley-Phillips resource management plan and environmental impact
R25 statement : final. Billings, Mt. : The Office, [1992]
QH76.5.M9 J824 1992

U. S. Bureau of Land Management. Valley Resource Area. Valley Resource Area
R26 program update : keeping the public informed. [Glasgow, MT : Bureau of Land Management, Valley Resource Area], 1993.
QH76.5.M9 V344 1993

U. S.--HISTORICAL GEOGRAPHY--MAPS--BIBLIOGRAPHY--CATALOGS.
McLaughlin, Patrick D. Transportation in nineteenth-century America : a
R37 survey of cartographic records in the National Archives of the United States. Washington : National Archives and Records Service, 1973.
HD203 .M332 1973

U. S. INTERNAL REVENUE SERVICE.--QUALITY CONTROL.
IRS/NTEU Joint Quality Council. Orientation for managers and NTEU officers
R22 and stewards : instructor's guide. [Washington, D.C.] : Dept. of the Treasury, Internal Revenue Service, [1988]
HD62.15 .I776 1988

UTAH--PUBLIC LANDS.
Southwest Intertie Project : final environmental impact statement and
R16 proposed plan amendment. [Burley, Idaho : Bureau of Land Management, Burley District Office], 1993.
TD195.E37 S68 1993

VEGETATION MAPPING--WEST (U.S.)--REMOTE SENSING.
Prevedel, David A. The Use of digital satellite data to monitor rangelands.
R5 Ogden, Utah : United States Department of Agriculture, Forest Service, Intermountain Region, 1992.
SF85.3 .P738 1992

WASHINGTON (STATE)--PUBLIC LANDS.
U. S. Bureau of Land Management. Spokane District. Draft resource
R30 management plan amendment environmental assessment for Department of the Army, Corps of Engineer's application for land withdrawal, Yakima Firing Center. Spokane, Wash. : Bureau of Land Management, Spokane District Office, 1993.
QH76.5.W2 Y344 1993

U. S. Bureau of Land Management. Spokane District. Final resource management
plan amendment environmental assessment for Department of the Army, Corps of
R31 Engineer's application for land withdrawal -- Yakima Firing Center. [Spokane, Wash. : Bureau of Land Management, Spokane District Office], 1993.
QH76.5.W2 Y344 1993b

25

WATER--LAW AND LEGISLATION--WEST (U.S.)--HISTORY--19TH CENTURY.
Pisani, Donald J. To reclaim a divided West : water, law, and public
R24 policy, 1848-1902. 1st ed. Albuquerque : University of New Mexico Press, c1992.
HD1695.A17 P572 1992

WATER QUALITY MANAGEMENT--NEW MEXICO--CONGRESSES.
New Mexico Water Conference (36th : 1991 : Las Cruces, N.M.). Proceedings,
R38 36th Annual New Mexico Water Conference : agencies and science working for the future : New Mexico State University, Las Cruces, New Mexico, November 7-8, 1991. Las Cruces, N.M. : New Mexico Water Resources Research Institute, 1992.
TD365 .N488 1992

WATER QUALITY--NEW MEXICO--CONGRESSES.
New Mexico Water Conference (36th : 1991 : Las Cruces, N.M.). Proceedings,
R38 36th Annual New Mexico Water Conference : agencies and science working for the future : New Mexico State University, Las Cruces, New Mexico, November 7-8, 1991. Las Cruces, N.M. : New Mexico Water Resources Research Institute, 1992.
TD365 .N488 1992

WATER-SUPPLY--GOVERNMENT POLICY--WEST (U.S.)--HISTORY--19TH CENTURY.
Pisani, Donald J. To reclaim a divided West : water, law, and public
R24 policy, 1848-1902. 1st ed. Albuquerque : University of New Mexico Press, c1992.
HD1695.A17 P572 1992

WATERSHED MANAGEMENT--U. S.
Watershed Rehabilitation I (1990 : Colorado State University). Watershed
R29 rehabilitation shortcourse, November 5-9, 1990. [Fort Collins, Colo.] : Colorado State University, [1990?]
TC409 .L36 1990

WATERSHED MANAGEMENT--UTAH--GREATER SAGERS WASH WATERSHED.
Greater Sagers Wash Watershed management plan. Moab, Utah : Bureau of Land
R21 Management, Moab District, 1993.
S627.R47 M622 1993

WETLANDS--CALIFORNIA--HUMBOLT BAY.
Barnhart, Roger A. The ecology of Humboldt Bay, California : an estuarine
R15 profile. Washington, D.C. : U.S. Dept. of the Interior, Fish and Wildlife Service, [1992]
QH541.5.E8 B376 1992

WILD TURKEYS--CONTROL--U. S.
Management guidelines for Merriam's wild turkeys. [Denver, Colo.] :
Colorado Division of Wildlife ; [Fort Collins, Colo.] : in cooperation with
R20 USDA Forest Service, Rocky Mountain Forest and Range Experiment Station : [available] from Colorado Division of Wildlife, Research Center Library, [1993]
SK375 .M477 1993

WILDERNESS AREAS--CALIFORNIA.
U. S. Bureau of Land Management. California Desert District. 1989/1990
California Desert Conservation Area plan amendment : decision record. Riverside, Calif. : Department of Interior, Bureau of Land Management,
R7 California Desert District, 1993.
QH76.5.C2 C344 1989/1990 suppl.

WILDLIFE CONSERVATION--UTAH.

Esque, Todd C. Nutrition and foraging ecology of the desert tortoise : FY
R13 1990 annual report. Fort Collins, Colo. : U.S. Fish and Wildlife Service, National Ecology Research Center, 1991.
QL666.C584 E863 1991

Esque, Todd C. Nutrition and foraging ecology of the desert tortoise : FY
R14 1989 annual report. Fort Collins, Colo. : U.S. Fish and Wildlife Service, National Ecology Research Center, 1990.
QL666.C584 E863 1990

WILDLIFE MANAGEMENT--COLORADO.

R1 Deer and elk management analysis guide, 1992-94. [Denver, Colo.] : Dept. of Natural Resources, Wildlife Commission, Division of Wildlife, [1993]
SK375 .D447 1993

WILDLIFE MANAGEMENT--U. S.

Management guidelines for Merriam's wild turkeys. [Denver, Colo.] :
R20 Colorado Division of Wildlife ; [Fort Collins, Colo.] : in cooperation with USDA Forest Service, Rocky Mountain Forest and Range Experiment Station : [available] from Colorado Division of Wildlife, Research Center Library, [1993]
SK375 .M477 1993

YAKIMA FIRING CENTER (WASH.).

U. S. Bureau of Land Management. Spokane District. Draft resource management plan amendment environmental assessment for Department of the
R30 Army, Corps of Engineer's application for land withdrawal, Yakima Firing Center. Spokane, Wash. : Bureau of Land Management, Spokane District Office, 1993.
QH76.5.W2 Y344 1993

U. S. Bureau of Land Management. Spokane District. Final resource management plan amendment environmental assessment for Department of the Army, Corps of
R31 Engineer's application for land withdrawal -- Yakima Firing Center. [Spokane, Wash. : Bureau of Land Management, Spokane District Office], 1993.
QH76.5.W2 Y344 1993b

HOT OFF THE CATALOGING SHELF

ADMINISTRATIVE AGENCIES--U. S. QUALITY CONTROL

From red tape to results : creating a government that works better and costs less : report of the National Performance
R39 Review. Washington, D.C. : [Office of the Vice President], 1993.
JK421 .N377 1993

COMPUTER NETWORKS--HANDBOOKS, MANUALS, ETC.

Dern, David.
The Internet guide for new users. New York : McGraw-Hill,
R40 c1994.
TK5105.875.I57 D476 1994

RECREATION--U. S.--STATISTICS

National survey of fishing, hunting, and wildlife associated recreation. Washington, D.C. : Dept. of the Interior,
R41 1993.
SK41 .F57 1993

RELATIONAL DATA BASES

Lacy-Thompson, Tony
Informix-SQL : a tutorial and reference. New York :
R42 Prentice Hall, 1991.
QA76.9.D3 L338 1991

Leffler, Jonathan
Using Informix-SQL. Reading, Mass. : Addison-Wesley,
R43 c1991.
QA76.9.D3 L429 1991.

Mahler, Paul
An Informix-4GL tutorial. Englewood Cliffs, N.J. :
R44 Prentice Hall, c1990.
QA76.9.D3 M324 1990

WILDLIFE CONSERVATION--U. S.--CONGRESSES

Transactions of the 58th North American Wildlife and Natural
R45 Resources Conference. Washington, D.C. : Wildlife Management Institute, 1993.
SK351 .N67 1993

NEW REFERENCE BOOKS THESE ARE NOT FOR LOAN

ALMANACS, CANADIAN

Canadian almanac and directory 1993. Toronto : Canadian Almanac and Directory Publishing Company, Ltd., c1993.
N46 REF AY414 .C2 1993

HYDROLOGY--DICTIONARIES

Lo, Shuh-shiaw
Glossary of hydrology. Littleton, Co. : Water Resources Publications, c1992.
N47 REF GB655 .L683 1992

Step 1

Indicate here the date of this Monthly Alert:

NOVEMBER (Month) 1993 (Year)

Mark in the spaces below the number(s) of the item(s) you are requesting:

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Please request no more than 20 items. These publications will be sent to you as RETENTION COPIES or as LIBRARY LOANS.

Step 2

Please read the Copyright information below and sign the provided statement. Your signature is needed under provisions of the new U.S. Copyright law.

NOTICE:
WARNING CONCERNING
COPYRIGHT RESTRICTIONS

- The copyright law of the United States (Title 17, United States Code) governs the making of photocopies or other reproductions of copyrighted material.
- Under certain conditions specified in the law libraries and archives are authorized to furnish a photocopy or other reproduction. One of these specified conditions is that the photocopy or reproduction is not to be "used for any purpose other than private study, scholarship, or research." If a user makes a request for, or later uses, a photocopy or reproduction for purposes in excess of "fair use," that user may be liable for copyright infringement.
- This institution reserves the right to refuse to accept a copying order if, in its judgment, fulfillment of the order would involve violation of copyright law.

I accept responsibility for compliance should restrictions apply to documents I am requesting.

_____
(Signature)

Step 3

Fill in your name, organizational and unit name, and mailing address including zip code.

_____
Name (please print)

_____
Job Title

_____
Office Name and Location

_____
Mail Code

_____
Telephone

***MONTHLY ALERT* items cannot be sent to home addresses.**

NOTICE

This issue expires 02/01/94 when ALERT numbers no longer apply. After the expiration date, give a full bibliographic citation when you ask for a publication.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
BUILDING 50, DENVER FEDERAL CENTER
P.O. BOX 25047
DENVER, COLORADO 80225-0047

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

AN EQUAL OPPORTUNITY EMPLOYER

POSTAGE AND FEES PAID
U.S. DEPARTMENT OF THE INTERIOR
INT 415

FIRST CLASS MAIL

BLM Library
Service Center, SC-653
Building 50, Denver Federal Center
P.O. Box 25047
Denver, Colorado 80225-0047

E N D

1-26-94